LXR Regulates Cholesterol Uptake Through Idol-Depen Receptor

Science

325, 100-104

DOI: 10.1126/science.1168974

Citation Report

#	Article	IF	Citations
1	Overview of the LDL receptor: relevance to cholesterol metabolism and future approaches for the treatment of coronary heart disease. Journal of Receptor, Ligand and Channel Research, 0, , 1.	0.7	8
2	New Idol for Cholesterol Reduction?. Clinical Chemistry, 2009, 55, 2082-2084.	1.5	13
3	Cholesterol Worships a New Idol. Journal of Molecular Cell Biology, 2009, 1, 75-76.	1.5	1
4	Mylip makes an Idol turn into regulation of LDL receptor. Cellular and Molecular Life Sciences, 2009, 66, 3399-3402.	2.4	14
6	Coordination of Lipid Metabolism in Membrane Biogenesis. Annual Review of Cell and Developmental Biology, 2009, 25, 539-566.	4.0	131
7	Regulation of the LDL receptor in familial hypercholesterolemia. Clinical Lipidology, 2009, 4, 755-765.	0.4	2
8	Genetics and molecular biology: brain cholesterol balance â€“ not such a closed circuit after all. Current Opinion in Lipidology, 2010, 21, 93-94.	1.2	2
9	Regulation of plasma LDL: the apoB paradigm. Clinical Science, 2010, 118, 333-339.	1.8	49
10	Macrophages, Oxysterols and Atherosclerosis. Circulation Journal, 2010, 74, 2045-2051.	0.7	91
11	Genome-Wide Association Studies Identify New Targets in Cardiovascular Disease. Science Translational Medicine, 2010, 2, 48ps46.	5.8	18
12	Nuclear receptors as drug targets for metabolic disease. Advanced Drug Delivery Reviews, 2010, 62, 1307-1315.	6.6	78
13	LXR activation inhibits chemokine-induced CD4-positive lymphocyte migration. Basic Research in Cardiology, 2010, 105, 487-494.	2.5	16
14	Cell cholesterol homeostasis: Mediation by active cholesterol. Trends in Cell Biology, 2010, 20, 680-687.	3.6	105
15	Proprotein convertase subtilisin/kexin type 9 (PCSK9) affects gene expression pathways beyond cholesterol metabolism in liver cells. Journal of Cellular Physiology, 2010, 224, 273-281.	2.0	60
16	Systemic treatment with liver X receptor agonists raises apolipoprotein E, cholesterol, and amyloid-Î² peptides in the cerebral spinal fluid of rats. Molecular Neurodegeneration, 2010, 5, 44.	4.4	24
17	Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713.	13.7	3,249
18	The E3 ubiquitin ligase c-IAP1 regulates PCSK9-mediated LDLR degradation: Linking the TNF-&x03B1; pathway to cholesterol uptake. Nature Precedings, 2010, , .	0.1	0
19	Mitotic Down-regulation of p190RhoGAP Is Required for the Successful Completion of Cytokinesis. Journal of Biological Chemistry, 2010, 285, 26923-26932.	1.6	22

#	Article	IF	Citations
20	Liver X receptor in cholesterol metabolism. Journal of Endocrinology, 2010, 204, 233-240.	1.2	351
21	Genetics and Beyond â€“ The Transcriptome of Human Monocytes and Disease Susceptibility. PLoS ONE, 2010, 5, e10693.	1.1	539
22	Reduced VLDL clearance in ApoeNpc1 mice is associated with increased Pcsk9 and Idol expression and decreased hepatic LDL-receptor levels. Journal of Lipid Research, 2010, 51, 2655-2663.	2.0	10
23	Genetic Variants Influencing Circulating Lipid Levels and Risk of Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2264-2276.	1.1	369
24	PCSK9 is not involved in the degradation of LDL receptors and BACE1 in the adult mouse brain. Journal of Lipid Research, 2010, 51, 2611-2618.	2.0	82
25	Nuclear Receptor DHR96 Acts as a Sentinel for Low Cholesterol Concentrations in Drosophila melanogaster. Molecular and Cellular Biology, 2010, 30, 793-805.	1.1	47
26	Liver X receptor activation promotes macrophage-to-feces reverse cholesterol transport in a dyslipidemic hamster model. Journal of Lipid Research, 2010, 51, 763-770.	2.0	32
27	Chronic social defeat stress disrupts regulation of lipid synthesis. Journal of Lipid Research, 2010, 51, 1344-1353.	2.0	104
29	miR-33 links SREBP-2 induction to repression of sterol transporters. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12228-12232.	3.3	498
31	The E3 Ubiquitin Ligase IDOL Induces the Degradation of the Low Density Lipoprotein Receptor Family Members VLDLR and ApoER2. Journal of Biological Chemistry, 2010, 285, 19720-19726.	1.6	117
32	Sent to Destroy. Circulation Research, 2010, 106, 463-478.	2.0	181
33	Suppression of Idol expression is an additional mechanism underlying statin-induced up-regulation of hepatic LDL receptor expression. International Journal of Molecular Medicine, 2011, 27, 103-10.	1.8	28
34	Commentary: The Year in Nuclear Receptor Control of Metabolism. Molecular Endocrinology, 2010, 24, 2075-2080.	3.7	5
36	Adaptation of cholesterol synthesis to fasting and TNF-Î±: Profiling cholesterol intermediates in the liver, brain, and testis. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 619-625.	1.2	19
37	Molecular biology and functional genomics of liver X receptors (LXR) in relationship to metabolic diseases. Current Opinion in Pharmacology, 2010, 10, 692-697.	1.7	53
38	Placental ABCA1 and ABCG1 transporters efflux cholesterol and protect trophoblasts from oxysterol induced toxicity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 1013-1024.	1.2	81
39	Regulation of cholesterol homeostasis by liver X receptors. Clinica Chimica Acta, 2010, 411, 617-625.	0.5	43
40	Regulation of hepatic gene expression by saturated fatty acids. Prostaglandins Leukotrienes and Essential Fatty Acids, 2010, 82, 211-218.	1.0	69

#	Article	IF	Citations
41	The liver X receptor: Control of cellular lipid homeostasis and beyond. Progress in Lipid Research, 2010, 49, 343-352.	5.3	63
42	A chimeric LDL receptor containing the cytoplasmic domain of the transferrin receptor is degraded by PCSK9. Molecular Genetics and Metabolism, 2010, 99, 149-156.	0.5	27
43	Disrupted recycling of the low density lipoprotein receptor by PCSK9 is not mediated by residues of the cytoplasmic domain. Molecular Genetics and Metabolism, 2010, 101, 76-80.	0.5	32
44	Liver X Receptor Signaling Pathways and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1513-1518.	1.1	257
45	An LXR Agonist Promotes Glioblastoma Cell Death through Inhibition of an EGFR/AKT/SREBP-1/LDLRâ€“Dependent Pathway. Cancer Discovery, 2011, 1, 442-456.	7.7	346
46	TLE3 Is a Dual-Function Transcriptional Coregulator of Adipogenesis. Cell Metabolism, 2011, 13, 413-427.	7.2	119
47	Liver X receptors as regulators of macrophage inflammatory and metabolic pathways. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 982-994.	1.8	129
48	Chenodeoxycholic acid stabilization of LDL receptor mRNA depends on 3â€²-untranslated region and AU-rich element-binding protein. Biochemical and Biophysical Research Communications, 2011, 409, 155-159.	1.0	16
49	Role of ubiquitination in PCSK9-mediated low-density lipoprotein receptor degradation. Biochemical and Biophysical Research Communications, 2011, 415, 515-518.	1.0	15
50	Acetylation and nuclear receptor action. Journal of Steroid Biochemistry and Molecular Biology, 2011, 123, 91-100.	1.2	55
51	Chronic Oral Infection with Porphyromonas gingivalis Accelerates Atheroma Formation by Shifting the Lipid Profile. PLoS ONE, 2011, 6, e20240.	1.1	111
52	Synthetic LXR Agonist Suppresses Endogenous Cholesterol Biosynthesis and Efficiently Lowers Plasma Cholesterol. Current Pharmaceutical Biotechnology, 2011, 12, 285-292.	0.9	25
53	PCSK9: an emerging target for treatment of hypercholesterolemia. Expert Opinion on Therapeutic Targets, 2011, 15, 157-168.	1.5	43
54	Phytosterols differentially influence ABC transporter expression, cholesterol efflux and inflammatory cytokine secretion in macrophage foam cells. Journal of Nutritional Biochemistry, 2011, 22, 777-783.	1.9	76
55	microRNAs, Plasma Lipids, and Cardiovascular Disease. Current Cardiovascular Risk Reports, 2011, 5, 10-17.	0.8	0
56	Familial Hypercholesterolemia: The Lipids or the Genes?. Nutrition and Metabolism, 2011, 8, 23.	1.3	59
57	Lipidâ€sensing nuclear receptors in the pathophysiology and treatment of the metabolic syndrome. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2011, 3, 562-587.	6.6	56
58	Activation of liver X receptor increases acetaminophen clearance and prevents its toxicity in mice. Hepatology, 2011, 54, 2208-2217.	3.6	35

#	Article	IF	Citations
59	Interplay between cholesterol and drug metabolism. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 146-160.	1.1	58
60	Research Resource: Nuclear Receptor Atlas of Human Retinal Pigment Epithelial Cells: Potential Relevance to Age-Related Macular Degeneration. Molecular Endocrinology, 2011, 25, 360-372.	3.7	53
61	Targeted Disruption of the Idol Gene Alters Cellular Regulation of the Low-Density Lipoprotein Receptor by Sterols and Liver X Receptor Agonists. Molecular and Cellular Biology, 2011, 31, 1885-1893.	1.1	69
62	Binding Preferences for GPIHBP1, a Glycosylphosphatidylinositol-Anchored Protein of Capillary Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 176-182.	1.1	41
63	Mechanisms and genetic determinants regulating sterol absorption, circulating LDL levels, and sterol elimination: implications for classification and disease risk. Journal of Lipid Research, 2011, 52, 1885-1926.	2.0	76
64	Nonalcoholic Fatty Liver Disease: Focus on Lipoprotein and Lipid Deregulation. Journal of Lipids, 2011, 2011, 1-14.	1.9	164
65	FERM-dependent E3 ligase recognition is a conserved mechanism for targeted degradation of lipoprotein receptors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20107-20112.	3.3	53
66	Cross-talk between the Androgen Receptor and the Liver X Receptor. Journal of Biological Chemistry, 2011, 286, 20637-20647.	1.6	62
67	The IDOLâ€“UBE2D complex mediates sterol-dependent degradation of the LDL receptor. Genes and Development, 2011, 25, 1262-1274.	2.7	75
68	Lysosomal Acid Lipase Deficiency Impairs Regulation of ABCA1 Gene and Formation of High Density Lipoproteins in Cholesteryl Ester Storage Disease. Journal of Biological Chemistry, 2011, 286, 30624-30635.	1.6	79
69	Distinct Functional Domains Contribute to Degradation of the Low Density Lipoprotein Receptor (LDLR) by the E3 Ubiquitin Ligase Inducible Degrader of the LDLR (IDOL). Journal of Biological Chemistry, 2011, 286, 30190-30199.	1.6	45
70	Transcriptional and Posttranscriptional Control of Cholesterol Homeostasis by Liver X Receptors. Cold Spring Harbor Symposia on Quantitative Biology, 2011, 76, 129-137.	2.0	30
71	Liver X receptor agonists decrease ENaC-mediated sodium transport in collecting duct cells. American Journal of Physiology - Renal Physiology, 2012, 303, F1610-F1616.	1.3	16
72	Post-transcriptional regulation of lipoprotein receptors by the E3-ubiquitin ligase inducible degrader of the low-density lipoprotein receptor. Current Opinion in Lipidology, 2012, 23, 213-219.	1.2	48
74	Biliary and nonbiliary contributions to reverse cholesterol transport. Current Opinion in Lipidology, 2012, 23, 85-90.	1.2	69
75	Protein turnover regulated by cholesterol. Current Opinion in Lipidology, 2012, 23, 76-77.	1.2	0
76	Genetic Determinants of Statin-Induced Low-Density Lipoprotein Cholesterol Reduction. Circulation: Cardiovascular Genetics, 2012, 5, 257-264.	5.1	231
77	Heritability of submaximal exercise heart rate response to exercise training is accounted for by nine SNPs. Journal of Applied Physiology, 2012, 112, 892-897.	1.2	37

#	Article	IF	Citations
78	Lowering Plasma Cholesterol by Raising LDL Receptors â€" Revisited. New England Journal of Medicine, 2012, 366, 1154-1155.	13.9	32
79	Blockade of cholesterol absorption by ezetimibe reveals a complex homeostatic network in enterocytes. Journal of Lipid Research, 2012, 53, 1359-1368.	2.0	52
80	Cholesterol-lowering Action of BNA-based Antisense Oligonucleotides Targeting PCSK9 in Atherogenic Diet-induced Hypercholesterolemic Mice. Molecular Therapy - Nucleic Acids, 2012, 1, e22.	2.3	55
81	Fibroblast Growth Factor-21 (FGF21) Regulates Low-density Lipoprotein Receptor (LDLR) Levels in Cells via the E3-ubiquitin Ligase Mylip/Idol and the Canopy2 (Cnpy2)/Mylip-interacting Saposin-like Protein (Msap). Journal of Biological Chemistry, 2012, 287, 12602-12611.	1.6	56
82	The Oxysterol 24 (S) ,25â€Epoxycholesterol Attenuates Human Smooth Muscleâ€"Derived Foam Cell Formation Via Reduced Lowâ€Density Lipoprotein Uptake and Enhanced Cholesterol Efflux. Journal of the American Heart Association, 2012, 1, e000810.	1.6	23
83	Liver X Receptor Activation Reduces Angiogenesis by Impairing Lipid Raft Localization and Signaling of Vascular Endothelial Growth Factor Receptor-2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2280-2288.	1.1	61
84	Liver X Receptor Modulation of Gene Expression Leading to Proluteolytic Effects in Primate Luteal Cells1. Biology of Reproduction, 2012, 86, 89.	1.2	9
85	MicroRNA Regulation of Cholesterol Metabolism. Cholesterol, 2012, 2012, 1-8.	1.6	63
86	Advances in genetics show the need for extending screening strategies for autosomal dominant hypercholesterolaemia. European Heart Journal, 2012, 33, 1360-1366.	1.0	76
87	Molecular characterization of proprotein convertase subtilisin/kexin type 9-mediated degradation of the LDLR. Journal of Lipid Research, 2012, 53, 1932-1943.	2.0	92
88	Governance of Endocytic Trafficking and Signaling by Reversible Ubiquitylation. Developmental Cell, 2012, 23, 457-467.	3.1	159
89	Liver <scp>X</scp> receptor and peroxisome proliferatorâ€activated receptor as integrators of lipid homeostasis and immunity. Immunological Reviews, 2012, 249, 72-83.	2.8	169
90	New Roles of HDL in Inflammation and Hematopoiesis. Annual Review of Nutrition, 2012, 32, 161-182.	4.3	68
91	Molecular pathology of familial hypercholesterolemia, related dyslipidemias and therapies beyond the statins. Critical Reviews in Clinical Laboratory Sciences, 2012, 49, 1-17.	2.7	16
92	Feedback Regulation of Cholesterol Uptake by the LXRâ€"IDOLâ€"LDLR Axis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2541-2546.	1.1	105
93	Regulated Accumulation of Desmosterol Integrates Macrophage Lipid Metabolism and Inflammatory Responses. Cell, 2012, 151, 138-152.	13.5	487
94	Resveratrol increases the expression and activity of the low density lipoprotein receptor in hepatocytes by the proteolytic activation of the sterol regulatory element-binding proteins. Atherosclerosis, 2012, 220, 369-374.	0.4	68
95	Oxysterols as non-genomic regulators of cholesterol homeostasis. Trends in Endocrinology and Metabolism, 2012, 23, 99-106.	3.1	43

#	Article	IF	Citations
96	Liver X receptor biology and pharmacology: new pathways, challenges and opportunities. Trends in Pharmacological Sciences, 2012, 33, 394-404.	4.0	264
97	Dancing with the sterols: Critical roles for ABCG1, ABCA1, miRNAs, and nuclear and cell surface receptors in controlling cellular sterol homeostasis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 386-395.	1.2	45
98	The endogenous regulator 24(S),25-epoxycholesterol inhibits cholesterol synthesis at DHCR24 (Seladin-1). Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1269-1277.	1.2	39
99	Retinoic acid receptor agonists regulate expression of ATP-binding cassette transporter G1 in macrophages. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 561-572.	1.2	28
100	ER stress is associated with reduced ABCA-1 protein levels in macrophages treated with advanced glycated albumin â€“ Reversal by a chemical chaperone. International Journal of Biochemistry and Cell Biology, 2012, 44, 1078-1086.	1.2	28
101	Increased serum PCSK9 concentrations are associated with periodontal infection but do not correlate with LDL cholesterol concentration. Clinica Chimica Acta, 2012, 413, 154-159.	0.5	32
102	Fatty liver in men is associated with high serum levels of small, dense low-density lipoprotein cholesterol. Diabetology and Metabolic Syndrome, 2012, 4, 34.	1.2	16
103	Transcriptome Characterization of Estrogen-Treated Human Myocardium Identifies Myosin Regulatory Light Chain Interacting Protein as a Sex-Specific Element Influencing Contractile Function. Journal of the American College of Cardiology, 2012, 59, 410-417.	1.2	95
105	Liver X receptors agonists impede hepatitis C virus infection in an Idol-dependent manner. Antiviral Research, 2012, 95, 245-256.	1.9	28
106	Activation of liver X receptor attenuates endothelin-1 expression in vascular endothelial cells. International Journal of Biochemistry and Cell Biology, 2012, 44, 2299-2307.	1.2	6
107	Ablation of gp78 in Liver Improves Hyperlipidemia and Insulin Resistance by Inhibiting SREBP to Decrease Lipid Biosynthesis. Cell Metabolism, 2012, 16, 213-225.	7.2	111
108	Regulation of cholesterol biosynthesis and cancer signaling. Current Opinion in Pharmacology, 2012, 12, 710-716.	1.7	74
109	Lipid Metabolism and Neuroinflammation in Alzheimer's Disease: A Role for Liver X Receptors. Endocrine Reviews, 2012, 33, 715-746.	8.9	67
111	Association of MYLIP rs3757354 SNP and several environmental factors with serum lipid levels in the Guangxi Bai Ku Yao and Han populations. Lipids in Health and Disease, 2012, 11, 141.	1.2	8
112	Effect of Porphyromonas gingivalis infection on post-transcriptional regulation of the low-density lipoprotein receptor in mice. Lipids in Health and Disease, 2012, 11, 121.	1.2	24
113	Effects of dietary fucoxanthin on cholesterol metabolism in diabetic/obese KK-A y mice. Lipids in Health and Disease, 2012, 11, 112.	1.2	55
114	Spatial Distribution of the Pathways of Cholesterol Homeostasis in Human Retina. PLoS ONE, 2012, 7, e37926.	1.1	91
115	Regulation of hepatic LDL receptors by mTORC1 and PCSK9 in mice. Journal of Clinical Investigation, 2012, 122, 1262-1270.	3.9	139

#	Article	IF	Citations
116	c-IAP1 Binds and Processes PCSK9 Protein: Linking the c-IAP1 in a TNF-Î± Pathway to PCSK9-Mediated LDLR Degradation Pathway. Molecules, 2012, 17, 12086-12101.	1.7	26
117	Nuclear Hormone Receptors Enable Macrophages and Dendritic Cells to Sense Their Lipid Environment and Shape Their Immune Response. Physiological Reviews, 2012, 92, 739-789.	13.1	195
118	Liver X Receptors, Atherosclerosis and Inflammation. Current Atherosclerosis Reports, 2012, 14, 284-293.	2.0	32
119	Ubiquitin and Membrane Protein Turnover: From Cradle to Grave. Annual Review of Biochemistry, 2012, 81, 231-259.	5.0	279
120	Transcriptional integration of metabolism by the nuclear sterol-activated receptors LXR and FXR. Nature Reviews Molecular Cell Biology, 2012, 13, 213-224.	16.1	616
121	Biological Roles of Liver X Receptors in Immune Cells. Archivum Immunologiae Et Therapiae Experimentalis, 2012, 60, 235-249.	1.0	43
122	Dynamical probing of allosteric control in nuclear receptors. Journal of Molecular Modeling, 2012, 18, 3147-3152.	0.8	8
123	Regulation of cholesterol homeostasis. Cellular and Molecular Life Sciences, 2012, 69, 915-930.	2.4	155
124	6p22.3 deletion: report of a patient with autism, severe intellectual disability and electroencephalographic anomalies. Molecular Cytogenetics, 2013, 6, 4.	0.4	23
125	Nuclear Receptors in atherosclerosis: A superfamily with many â€˜Goodfellasâ€™. Molecular and Cellular Endocrinology, 2013, 368, 71-84.	1.6	14
126	Genetics of Atherosclerotic Cardiovascular Disease. , 2013, , 1-37.		2
127	Lipids, LXRs and prostate cancer: Are HDACs a new link?. Biochemical Pharmacology, 2013, 86, 168-174.	2.0	7
128	Oxysterol receptors and their therapeutic applications in cancer conditions. Expert Opinion on Therapeutic Targets, 2013, 17, 1029-1038.	1.5	34
129	From evolution to revolution: miRNAs as pharmacological targets for modulating cholesterol efflux and reverse cholesterol transport. Pharmacological Research, 2013, 75, 60-72.	3.1	40
130	The extended abnormalities in lipoprotein metabolism in familial hypercholesterolemia: Developing a new framework for future therapies. International Journal of Cardiology, 2013, 168, 1811-1818.	0.8	33
131	Reciprocal Regulation of Hepatic and Adipose Lipogenesis by Liver X Receptors in Obesity and Insulin Resistance. Cell Metabolism, 2013, 18, 106-117.	7.2	124
132	Follicle growth, ovulation, and luteal formation in primates and rodents: A comparative perspective. Experimental Biology and Medicine, 2013, 238, 539-548.	1.1	49
133	Tumor Metabolism of Malignant Gliomas. Cancers, 2013, 5, 1469-1484.	1.7	63

#	Article	IF	Citations
134	Cargo Recognition in Clathrin-Mediated Endocytosis. Cold Spring Harbor Perspectives in Biology, 2013, 5, a016790-a016790.	2.3	244
135	ABCA12 Regulates ABCA1-Dependent Cholesterol Efflux from Macrophages and the Development of Atherosclerosis. Cell Metabolism, 2013, 18, 225-238.	7.2	46
136	Cholesterol accumulation in prostate cancer: A classic observation from a modern perspective. Biochimica Et Biophysica Acta: Reviews on Cancer, 2013, 1835, 219-229.	3.3	86
137	Nonalcoholic fatty liver disease: molecular pathways and therapeutic strategies. Lipids in Health and Disease, 2013, 12, 171.	1.2	45
138	Oxysterols and redox signaling in the pathogenesis of non-alcoholic fatty liver disease. Free Radical Research, 2013, 47, 881-893.	1.5	26
139	Xenobiotic-sensing nuclear receptors involved in drug metabolism: a structural perspective. Drug Metabolism Reviews, 2013, 45, 79-100.	1.5	58
140	Adrenal-Specific Scavenger Receptor BI Deficiency Induces Glucocorticoid Insufficiency and Lowers Plasma Very-Low-Density and Low-Density Lipoprotein Levels in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, e39-46.	1.1	35
141	Quantitative fluorescence imaging reveals point of release for lipoproteins during LDLR-dependent uptake. Journal of Lipid Research, 2013, 54, 744-753.	2.0	8
142	High-Throughput Screening of Small Molecules Identifies Hepcidin Antagonists. Molecular Pharmacology, 2013, 83, 681-690.	1.0	67
143	5-Aminoimidazole-4-carboxamide ribonucleoside stabilizes low density lipoprotein receptor mRNA in hepatocytes via ERK-dependent HuR binding toÂanÂAU-rich element. Atherosclerosis, 2013, 226, 95-101.	0.4	29
144	The <scp>AAA ATPase VPS4</scp>/<scp>SKD1</scp> Regulates Endosomal Cholesterol Trafficking Independently of <scp>ESCRTâ€III</scp>. Traffic, 2013, 14, 107-119.	1.3	27
145	Mitochondrial (dys)function and regulation of macrophage cholesterol efflux. Clinical Science, 2013, 124, 509-515.	1.8	26
146	Nuclear receptor mediated mechanisms of macrophage cholesterol metabolism. Molecular and Cellular Endocrinology, 2013, 368, 85-98.	1.6	23
147	Cholesterol metabolism and the pathogenesis of non-alcoholic steatohepatitis. Progress in Lipid Research, 2013, 52, 175-191.	5.3	326
148	Atherosclerosis: lessons from LXR and the intestine. Trends in Endocrinology and Metabolism, 2013, 24, 120-128.	3.1	57
149	Oxysterol generation and liver X receptor-dependent reverse cholesterol transport: Not all roads lead to Rome. Molecular and Cellular Endocrinology, 2013, 368, 99-107.	1.6	33
150	The LXR-IDOL axis defines a clathrin-, caveolae-, and dynamin-independent endocytic route for LDLR internalization and lysosomal degradation. Journal of Lipid Research, 2013, 54, 2174-2184.	2.0	60
151	IDOL Stimulates Clathrin-Independent Endocytosis and Multivesicular Body-Mediated Lysosomal Degradation of the Low-Density Lipoprotein Receptor. Molecular and Cellular Biology, 2013, 33, 1503-1514.	1.1	68

#	Article	IF	Citations
152	Identification of a loss-of-function inducible degrader of the low-density lipoprotein receptor variant in individuals with low circulating low-density lipoprotein. European Heart Journal, 2013, 34, 1292-1297.	1.0	49
153	The role of the liver X receptor in chronic obstructive pulmonary disease. Respiratory Research, 2013, 14, 106.	1.4	29
154	Activation of Smurf E3 Ligase Promoted by Smoothened Regulates Hedgehog Signaling through Targeting Patched Turnover. PLoS Biology, 2013, 11, e1001721.	2.6	42
155	Control of Cholesterol Metabolism and Plasma High-Density Lipoprotein Levels by microRNA-144. Circulation Research, 2013, 112, 1592-1601.	2.0	187
156	NDRG1 functions in LDL receptor trafficking by regulating endosomal recycling and degradation. Journal of Cell Science, 2013, 126, 3961-71.	1.2	64
157	Liver X Receptors Protect from Development of Prostatic Intra-Epithelial Neoplasia in Mice. PLoS Genetics, 2013, 9, e1003483.	1.5	38
158	Recent advances in the treatment of homozygous familial hypercholesterolaemia. Current Opinion in Lipidology, 2013, 24, 288-294.	1.2	20
159	Bis(Monoacylglycero)Phosphate Accumulation in Macrophages Induces Intracellular Cholesterol Redistribution, Attenuates Liver-X Receptor/ATP-Binding Cassette Transporter A1/ATP-Binding Cassette Transporter G1 Pathway, and Impairs Cholesterol Efflux. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1803-1811.	1.1	24
160	S-nitrosylation of ARH is required for LDL uptake by the LDL receptor. Journal of Lipid Research, 2013, 54, 1550-1559.	2.0	12
161	PCSK9-mediated degradation of the LDL receptor generates a 17 kDa C-terminal LDL receptor fragment. Journal of Lipid Research, 2013, 54, 1560-1566.	2.0	29
162	Lipid metabolism emerges as a promising target for malignant glioma therapy. CNS Oncology, 2013, 2, 289-299.	1.2	151
163	Intestinal SR-BI does not impact cholesterol absorption or transintestinal cholesterol efflux in mice. Journal of Lipid Research, 2013, 54, 1567-1577.	2.0	31
164	The Expression of Cholesterol Metabolism Genes in Monocytes From HIV-Infected Subjects Suggests Intracellular Cholesterol Accumulation. Journal of Infectious Diseases, 2013, 207, 628-637.	1.9	39
165	Caenorhabditis elegansreveals a FxNPxY-independent low-density lipoprotein receptor internalization mechanism mediated by epsin1. Molecular Biology of the Cell, 2013, 24, 308-318.	0.9	29
166	Reciprocal Regulation of Very Low Density Lipoprotein Receptors (VLDLRs) in Neurons by Brain-derived Neurotrophic Factor (BDNF) and Reelin. Journal of Biological Chemistry, 2013, 288, 29613-29620.	1.6	22
167	Reciprocal Negative Cross-Talk between Liver X Receptors (LXRs) and STAT1: Effects on IFN-Î³â€“Induced Inflammatory Responses and LXR-Dependent Gene Expression. Journal of Immunology, 2013, 190, 6520-6532.	0.4	44
168	Both K63 and K48 ubiquitin linkages signal lysosomal degradation of the LDL receptor. Journal of Lipid Research, 2013, 54, 1410-1420.	2.0	46
169	Modulation of Cholesterol Transport by Insulin-Treated Gestational Diabetes Mellitus in Human Full-Term Placenta1. Biology of Reproduction, 2013, 88, 16.	1.2	50

#	Article	IF	Citations
170	Expression of CNPY2 in Mouse Tissues: Quantification and Localization. PLoS ONE, 2014, 9, e111370.	1.1	20
171	Ubiquitin Ligases in Cholesterol Metabolism. Diabetes and Metabolism Journal, 2014, 38, 171.	1.8	16
172	Lipids and prostate cancer adenocarcinoma. Clinical Lipidology, 2014, 9, 643-655.	0.4	4
173	Integrated analysis of transcript-level regulation of metabolism reveals disease-relevant nodes of the human metabolic network. Nucleic Acids Research, 2014, 42, 1474-1496.	6.5	42
174	MG132, a proteasome inhibitor, enhances LDL uptake in HepG2 cells in vitro by regulating LDLR and PCSK9 expression. Acta Pharmacologica Sinica, 2014, 35, 994-1004.	2.8	27
175	Cholesterol Transporters of the START Domain Protein Family in Health and Disease. , 2014, , .		2
176	AAV Vectors Expressing LDLR Gain-of-Function Variants Demonstrate Increased Efficacy in Mouse Models of Familial Hypercholesterolemia. Circulation Research, 2014, 115, 591-599.	2.0	44
177	Endoplasmic reticulum stress impairs cholesterol efflux and synthesis in hepatic cells. Journal of Lipid Research, 2014, 55, 94-103.	2.0	60
178	Gene Therapy for Hypercholesterolemia. Circulation Research, 2014, 115, 542-545.	2.0	5
179	Treatment of homozygous familial hypercholesterolemia. Clinical Lipidology, 2014, 9, 101-118.	0.4	10
180	The estrogen receptor as a mediator of the pathological actions of cholesterol in breast cancer. Climacteric, 2014, 17, 60-65.	1.1	27
181	Obesity, Cholesterol Metabolism, and Breast Cancer Pathogenesis. Cancer Research, 2014, 74, 4976-4982.	0.4	86
182	Role of PCSK9 and IDOL in the pathogenesis of acquired LDL receptor deficiency and hypercholesterolemia in nephrotic syndrome. Nephrology Dialysis Transplantation, 2014, 29, 538-543.	0.4	52
183	The macrophage LBP gene is an LXR target that promotes macrophage survival and atherosclerosis. Journal of Lipid Research, 2014, 55, 1120-1130.	2.0	21
184	LXRÎ± fuels fatty acid-stimulated oxygen consumption in white adipocytes. Journal of Lipid Research, 2014, 55, 247-257.	2.0	24
185	The MYLIP p.N342S polymorphism is associated with response to lipid-lowering therapy in Brazilian patients with familial hypercholesterolemia. Pharmacogenetics and Genomics, 2014, 24, 548-555.	0.7	16
186	Recent advances in physiological lipoprotein metabolism. Clinical Chemistry and Laboratory Medicine, 2014, 52, 1695-727.	1.4	167
187	Hepatic Overexpression of Idol Increases Circulating Protein Convertase Subtilisin/Kexin Type 9 in Mice and Hamsters via Dual Mechanisms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1171-1178.	1.1	27

#	Article	IF	Citations
188	Adeno-Associated Viruses as a Method to Induce Atherosclerosis in Mice and Hamsters. Circulation Research, 2014, 114, 1672-1674.	2.0	1
189	Endothelial cellular senescence is inhibited by liver X receptor activation with an additional mechanism for its atheroprotection in diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1168-1173.	3.3	57
190	microRNA regulation of lipoprotein metabolism. Current Opinion in Lipidology, 2014, 25, 282-288.	1.2	27
191	Liver X receptors preserve renal glomerular integrity under normoglycaemia and in diabetes in mice. Diabetologia, 2014, 57, 435-446.	2.9	32
192	Activation of Liver X Receptor Decreases Atherosclerosis in Ldlr ^{â^'/â^'} Mice in the Absence of ATP-Binding Cassette Transporters A1 and G1 in Myeloid Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 279-284.	1.1	72
193	Cellular Cholesterol Regulates Ubiquitination and Degradation of the Cholesterol Export Proteins ABCA1 and ABCG1. Journal of Biological Chemistry, 2014, 289, 7524-7536.	1.6	62
194	Ubiquitin-Dependent Sorting in Endocytosis. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016808-a016808.	2.3	174
195	The Severe Hypercholesterolemia Phenotype. Journal of the American College of Cardiology, 2014, 63, 1935-1947.	1.2	153
196	Effects of various squalene epoxides on coenzyme Q and cholesterol synthesis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 977-986.	1.2	12
197	Liver X receptors in lipid metabolism: opportunities for drug discovery. Nature Reviews Drug Discovery, 2014, 13, 433-444.	21.5	483
198	l-Cysteine-induced up-regulation of the low-density lipoprotein receptor is mediated via a transforming growth factor-alpha signalling pathway. Biochemical and Biophysical Research Communications, 2014, 444, 401-405.	1.0	5
199	The LXRâ€“Idol Axis Differentially Regulates Plasma LDL Levels in Primates and Mice. Cell Metabolism, 2014, 20, 910-918.	7.2	72
200	Cholesterol and breast cancer pathophysiology. Trends in Endocrinology and Metabolism, 2014, 25, 649-655.	3.1	141
201	An iron-regulated and glycosylation-dependent proteasomal degradation pathway for the plasma membrane metal transporter ZIP14. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9175-9180.	3.3	54
202	The E3 Ubiquitin Ligase MARCH6 Degrades Squalene Monooxygenase and Affects 3-Hydroxy-3-Methyl-Glutaryl Coenzyme A Reductase and the Cholesterol Synthesis Pathway. Molecular and Cellular Biology, 2014, 34, 1262-1270.	1.1	124
203	Up-regulation of cholesterol associated genes as novel resistance mechanism in glioblastoma cells in response to archazolid B. Toxicology and Applied Pharmacology, 2014, 281, 78-86.	1.3	21
205	Hepatitis C Virus Stimulates Low-Density Lipoprotein Receptor Expression To Facilitate Viral Propagation. Journal of Virology, 2014, 88, 2519-2529.	1.5	100
206	Transgenic Expression of Dominant-Active IDOL in Liver Causes Diet-Induced Hypercholesterolemia and Atherosclerosis in Mice. Circulation Research, 2014, 115, 442-449.	2.0	21

#	Article	IF	Citations
207	Induction of cholesterol biosynthesis by archazolid B in T24 bladder cancer cells. Biochemical Pharmacology, 2014, 91, 18-30.	2.0	19
208	Role of the ubiquitinâ€“proteasome system in the regulation of P2Y13 receptor expression: impact on hepatic HDL uptake. Cellular and Molecular Life Sciences, 2014, 71, 1775-1788.	2.4	15
209	PCSK9 is Present in Human Cerebrospinal Fluid and is Maintained at Remarkably Constant Concentrations Throughout the Course of the Day. Lipids, 2014, 49, 445-455.	0.7	45
210	Nutraceuticals and Functional Foods in the Management of Hyperlipidemia. Critical Reviews in Food Science and Nutrition, 2014, 54, 1180-1201.	5.4	91
211	The UPS and downs of cholesterol homeostasis. Trends in Biochemical Sciences, 2014, 39, 527-535.	3.7	67
212	Curcumin enhances cellâ€surface LDLR level and promotes LDL uptake through downregulation of PCSK9 gene expression in HepG2 cells. Molecular Nutrition and Food Research, 2014, 58, 2133-2145.	1.5	93
213	Mining the genome for lipid genes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1993-2009.	1.8	35
214	Hepatic insulin receptor deficiency impairs the SREBP-2 response to feeding and statins. Journal of Lipid Research, 2014, 55, 659-667.	2.0	37
215	mTORC2 in the center of cancer metabolic reprogramming. Trends in Endocrinology and Metabolism, 2014, 25, 364-373.	3.1	110
216	A novel peroxisome proliferator response element modulates hepatic low-density lipoprotein receptor gene transcription in response to PPARÎ´ activation. Biochemical Journal, 2015, 472, 275-286.	1.7	12
217	Î²â€Estradiol results in a proprotein convertase subtilisin/kexin type 9â€dependent increase in lowâ€density lipoprotein receptor levels in human hepatic HuH7 cells. FEBS Journal, 2015, 282, 2682-2696.	2.2	14
218	Docosahexanoic acid modifies low-density lipoprotein receptor abundance in HepG2 cells via suppression of the LXRÎ±-Idol pathway. Molecular Medicine Reports, 2015, 11, 2329-2333.	1.1	3
219	Liver X receptors in immune cell function in humans. Biochemical Society Transactions, 2015, 43, 752-757.	1.6	24
221	Novel genes in LDL metabolism â€“ a comprehensive overview. Current Opinion in Lipidology, 2015, 26, 179-187.	1.2	9
222	The Mevalonate Pathway in Alzheimerâ€™s Disease â€” Cholesterol and Non-Sterol Isoprenoids. , 2015, , .		8
224	Hypercholesterolemia, low density lipoprotein receptor and proprotein convertase subtilisin/kexin-type 9. Journal of Biomedical Research, 2015, 29, 356.	0.7	31
225	Investigation of Functional Genes at Homologous Loci Identified Based on Genome-wide Association Studies of Blood Lipids via High-fat Diet Intervention in Rats using an in vivo Approach. Journal of Atherosclerosis and Thrombosis, 2015, 22, 455-480.	0.9	9
226	The Regulation of Reverse Cholesterol Transport and Cellular Cholesterol Homeostasis by MicroRNAs. Biology, 2015, 4, 494-511.	1.3	33

#	Article	IF	Citations
227	Role of gut microbiota in the modulation of atherosclerosis-associated immune response. Frontiers in Microbiology, 2015, 6, 671.	1.5	76
228	IDOL N342S Variant, Atherosclerosis Progression and Cardiovascular Disorders in the Italian General Population. PLoS ONE, 2015, 10, e0122414.	1.1	10
230	The life cycle of the low-density lipoprotein receptor. Current Opinion in Lipidology, 2015, 26, 82-87.	1.2	43
231	The PPAR-Î³ antagonist GW9662 elicits differentiation of M2c-like cells and upregulation of the MerTK/Gas6 axis: a key role for PPAR-Î³ in human macrophage polarization. Journal of Inflammation, 2015, 12, 36.	1.5	71
232	snoRNA U17 Regulates Cellular Cholesterol Trafficking. Cell Metabolism, 2015, 21, 855-867.	7.2	49
233	Enolase is regulated by Liver X Receptors. Steroids, 2015, 99, 266-271.	0.8	3
234	Cholesterol homeostasis in the retina: seeing is believing. Journal of Lipid Research, 2015, 56, 1-4.	2.0	14
235	Role of Insulin in the Regulation of Proprotein Convertase Subtilisin/Kexin Type 9. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1589-1596.	1.1	74
236	Decreased Cholesterol Uptake and Increased Liver X Receptor-Mediated Cholesterol Efflux Pathways During Prostaglandin F2 Alpha-Induced and Spontaneous Luteolysis in Sheep1. Biology of Reproduction, 2015, 92, 128.	1.2	11
237	The Liver Clock Controls Cholesterol Homeostasis through Trib1 Protein-mediated Regulation of PCSK9/Low Density Lipoprotein Receptor (LDLR) Axis. Journal of Biological Chemistry, 2015, 290, 31003-31012.	1.6	31
238	Pharmacological Characterization of a Novel Liver X Receptor Agonist with Partial LXRÎ±Activity and a Favorable Window in Nonhuman Primates. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 305-314.	1.3	30
239	Combined QTL and Selective Sweep Mappings with Coding SNP Annotation andcis-eQTL Analysis RevealedPARK2andJAG2as New Candidate Genes for Adiposity Regulation. G3: Genes, Genomes, Genetics, 2015, 5, 517-529.	0.8	17
240	High-fructose feeding promotes accelerated degradation of hepatic LDL receptor and hypercholesterolemia in hamsters via elevated circulating PCSK9 levels. Atherosclerosis, 2015, 239, 364-374.	0.4	29
241	Nuclear receptors and cholesterol metabolism in the intestine. Atherosclerosis Supplements, 2015, 17, 9-11.	1.2	17
242	Genetics of Familial Hypercholesterolemia. Current Atherosclerosis Reports, 2015, 17, 491.	2.0	68
243	Pathways of cholesterol homeostasis in mouse retina responsive to dietary and pharmacologic treatments. Journal of Lipid Research, 2015, 56, 81-97.	2.0	62
244	Interferon-Inducible Cholesterol-25-Hydroxylase Inhibits Hepatitis C Virus Replication via Distinct Mechanisms. Scientific Reports, 2014, 4, 7242.	1.6	103
245	Liver X receptors at the intersection of lipid metabolism and atherogenesis. Atherosclerosis, 2015, 242, 29-36.	0.4	111

#	Article	IF	Citations
246	Alterations of a Cellular Cholesterol Metabolism Network Are a Molecular Feature of Obesity-Related Type 2 Diabetes and Cardiovascular Disease. Diabetes, 2015, 64, 3464-3474.	0.3	82
247	Obesity and Diabetes: The Increased Risk of Cancer and Cancer-Related Mortality. Physiological Reviews, 2015, 95, 727-748.	13.1	561
248	The LXR inverse agonist SR9238 suppresses fibrosis in a model of non-alcoholic steatohepatitis. Molecular Metabolism, 2015, 4, 353-357.	3.0	64
249	A new model of reverse cholesterol transport: enTICEing strategies to stimulate intestinal cholesterol excretion. Trends in Pharmacological Sciences, 2015, 36, 440-451.	4.0	55
250	Uncoupling Nuclear Receptor LXR and Cholesterol Metabolism in Cancer. Cell Metabolism, 2015, 21, 517-526.	7.2	157
251	Endogenous Sterol Metabolites Regulate Growth of EGFR/KRAS-Dependent Tumors via LXR. Cell Reports, 2015, 12, 1927-1938.	2.9	67
252	Mitochondrial regulation of macrophage cholesterol homeostasis. Free Radical Biology and Medicine, 2015, 89, 982-992.	1.3	49
253	PCSK9 deficiency unmasks a sex- and tissue-specific subcellular distribution of the LDL and VLDL receptors in mice. Journal of Lipid Research, 2015, 56, 2133-2142.	2.0	45
254	Dysregulation of Plasmalogen Homeostasis Impairs Cholesterol Biosynthesis. Journal of Biological Chemistry, 2015, 290, 28822-28833.	1.6	49
255	MicroRNA-148a regulates LDL receptor and ABCA1 expression to control circulating lipoprotein levels. Nature Medicine, 2015, 21, 1280-1289.	15.2	203
256	The E3 ubiquitin ligase Idol controls brain LDL receptor expression, ApoE clearance, and AÎ² amyloidosis. Science Translational Medicine, 2015, 7, 314ra184.	5.8	30
257	Liver X receptors balance lipid stores in hepatic stellate cells through Rab18, a retinoid responsive lipid droplet protein. Hepatology, 2015, 62, 615-626.	3.6	37
258	Disorders of Lipid Metabolism. , 2016, , 1660-1700.		7
259	Combined Effects of Rosuvastatin and Exercise on Gene Expression of Key Molecules Involved in Cholesterol Metabolism in Ovariectomized Rats. PLoS ONE, 2016, 11, e0159550.	1.1	9
260	Tanshinone IIA Modulates Low Density Lipoprotein Uptake via Down-Regulation of PCSK9 Gene Expression in HepG2 Cells. PLoS ONE, 2016, 11, e0162414.	1.1	32
261	The Role of Proprotein Convertase Subtilisin/Kexin Type 9 in Nephrotic Syndrome-Associated Hypercholesterolemia. Circulation, 2016, 134, 61-72.	1.6	89
262	Liver X receptor as a drug target for the treatment of breast cancer. Anti-Cancer Drugs, 2016, 27, 373-382.	0.7	25
263	TTC39B deficiency stabilizes LXR reducing both atherosclerosis and steatohepatitis. Nature, 2016, 535, 303-307.	13.7	72

#	Article	IF	Citations
264	Thiazolides Elicit Anti-Viral Innate Immunity and Reduce HIV Replication. Scientific Reports, 2016, 6, 27148.	1.6	49
265	Endocytosis of Cargo Proteins: LDL. , 2016, , 418-432.		0
266	p75 Neurotrophin Receptor Signaling Activates Sterol Regulatory Element-binding Protein-2 in Hepatocyte Cells via p38 Mitogen-activated Protein Kinase and Caspase-3. Journal of Biological Chemistry, 2016, 291, 10747-10758.	1.6	15
267	Once and for all, LXRÎ± and LXRÎ² are gatekeepers of the endocrine system. Molecular Aspects of Medicine, 2016, 49, 31-46.	2.7	49
268	Sodium sulfite promotes the assembly and secretion of very low-density lipoprotein in HL-7702 hepatocytes. Toxicology Reports, 2016, 3, 98-104.	1.6	5
269	Effect of Leptin Replacement on PCSK9 in ob/ob Mice and Female Lipodystrophic Patients. Endocrinology, 2016, 157, 1421-1429.	1.4	15
270	The Contribution of Cholesterol and Its Metabolites to the Pathophysiology of Breast Cancer. Hormones and Cancer, 2016, 7, 219-228.	4.9	42
271	RP1-13D10.2 Is a Novel Modulator of Statin-Induced Changes in Cholesterol. Circulation: Cardiovascular Genetics, 2016, 9, 223-230.	5.1	27
272	Disorders of lipid metabolism in nephrotic syndrome: mechanisms and consequences. Kidney International, 2016, 90, 41-52.	2.6	156
273	MicroRNA: a connecting road between apoptosis and cholesterol metabolism. Tumor Biology, 2016, 37, 8529-8554.	0.8	11
274	LXR Regulation of Brain Cholesterol: From Development to Disease. Trends in Endocrinology and Metabolism, 2016, 27, 404-414.	3.1	122
275	Feedback modulation of cholesterol metabolism by the lipid-responsive non-coding RNA LeXis. Nature, 2016, 534, 124-128.	13.7	175
276	An LXR-Cholesterol Axis Creates a Metabolic Co-Dependency for Brain Cancers. Cancer Cell, 2016, 30, 683-693.	7.7	237
277	The multifaceted roles of fatty acid synthesis in cancer. Nature Reviews Cancer, 2016, 16, 732-749.	12.8	1,022
278	Beneficial and Adverse Effects of an LXR Agonist on Human Lipid and Lipoprotein Metabolism and Circulating Neutrophils. Cell Metabolism, 2016, 24, 223-233.	7.2	109
279	Pim-1L Protects Cell Surfaceâ€“Resident ABCA1 From Lysosomal Degradation in Hepatocytes and Thereby Regulates Plasma High-Density Lipoprotein Level. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2304-2314.	1.1	18
280	Osteopontin Deficiency Alters Biliary Homeostasis and Protects against Gallstone Formation. Scientific Reports, 2016, 6, 30215.	1.6	8
281	CCC- and WASH-mediated endosomal sorting of LDLR is required for normal clearance of circulating LDL. Nature Communications, 2016, 7, 10961.	5.8	165

#	Article	IF	Citations
282	Discovery of Highly Potent Liver X Receptor Î² Agonists. ACS Medicinal Chemistry Letters, 2016, 7, 1207-1212.	1.3	21
283	Nerve growth factor (<scp>NGF</scp>) and proâ€<scp>NGF</scp> increase lowâ€density lipoprotein (<scp>LDL</scp>) receptors in neuronal cells partly by different mechanisms: role of <scp>LDL</scp> in neurite outgrowth. Journal of Neurochemistry, 2016, 136, 306-315.	2.1	29
284	Human apolipoprotein E allele and docosahexaenoic acid intake modulate peripheral cholesterol homeostasis in mice. Journal of Nutritional Biochemistry, 2016, 34, 83-88.	1.9	3
285	The molecular mechanism of the cholesterolâ€lowering effect of dill and kale: The influence of the food matrix components. Electrophoresis, 2016, 37, 1805-1813.	1.3	12
286	Deubiquitylase Inhibition Reveals Liver X Receptor-independent Transcriptional Regulation of the E3 Ubiquitin Ligase IDOL and Lipoprotein Uptake. Journal of Biological Chemistry, 2016, 291, 4813-4825.	1.6	20
287	Stable liver-specific expression of human IDOL in humanized mice raises plasma cholesterol. Cardiovascular Research, 2016, 110, 23-29.	1.8	12
288	IDOL, inducible degrader of low-density lipoprotein receptor, serves as a potential therapeutic target for dyslipidemia. Medical Hypotheses, 2016, 86, 138-142.	0.8	24
289	Cholesterol metabolites and tumor microenvironment: the road towards clinical translation. Cancer Immunology, Immunotherapy, 2016, 65, 111-117.	2.0	19
290	Soluble (pro)renin receptor via Î²-catenin enhances urine concentration capability as a target of liver X receptor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1898-906.	3.3	83
291	Cholesterol homeostasis: How do cells sense sterol excess?. Chemistry and Physics of Lipids, 2016, 199, 170-178.	1.5	52
292	Synergetic cholesterol-lowering effects of main alkaloids from Rhizoma Coptidis in HepG2 cells and hypercholesterolemia hamsters. Life Sciences, 2016, 151, 50-60.	2.0	29
293	miRNAs and High-Density Lipoprotein metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 2053-2061.	1.2	12
294	Emerging role of liver X receptors in cardiac pathophysiology and heart failure. Basic Research in Cardiology, 2016, 111, 3.	2.5	54
295	Foiling IDOL to Help Control Cholesterol. Circulation Research, 2016, 118, 371-373.	2.0	7
296	The Deubiquitylase USP2 Regulates the LDLR Pathway by Counteracting the E3-Ubiquitin Ligase IDOL. Circulation Research, 2016, 118, 410-419.	2.0	43
297	A MARCH6 and IDOL E3 Ubiquitin Ligase Circuit Uncouples Cholesterol Synthesis from Lipoprotein Uptake in Hepatocytes. Molecular and Cellular Biology, 2016, 36, 285-294.	1.1	35
298	Identification of the (Pro)renin Receptor as a Novel Regulator of Low-Density Lipoprotein Metabolism. Circulation Research, 2016, 118, 222-229.	2.0	37
299	MicroRNAs in obesity-associated disorders. Archives of Biochemistry and Biophysics, 2016, 589, 108-119.	1.4	53

#	Article	IF	Citations
300	Liver X receptor Î± (LXRÎ±) promoted invasion and EMT of gastric cancer cells by regulation of NF-Î²B activity. Human Cell, 2017, 30, 124-132.	1.2	19
301	Integration of cellular ubiquitin and membrane traffic systems: focus on deubiquitylases. FEBS Journal, 2017, 284, 1753-1766.	2.2	36
302	EEPD1 Is a Novel LXR Target Gene in Macrophages Which Regulates ABCA1 Abundance and Cholesterol Efflux. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 423-432.	1.1	25
303	Assaying Low-Density-Lipoprotein (LDL) Uptake into Cells. Methods in Molecular Biology, 2017, 1583, 53-63.	0.4	11
304	The Use of L-sIDOL Transgenic Mice as a Murine Model to Study Hypercholesterolemia and Atherosclerosis. Methods in Molecular Biology, 2017, 1583, 65-72.	0.4	1
305	Physiology and Pathophysiology of the Intrarenal Renin-Angiotensin System: An Update. Journal of the American Society of Nephrology: JASN, 2017, 28, 1040-1049.	3.0	176
306	Changes in LXR signaling influence early-pregnancy lipogenesis and protect against dysregulated fetoplacental lipid homeostasis. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E463-E472.	1.8	19
307	Insights into the Link Between Obesity and Cancer. Current Obesity Reports, 2017, 6, 195-203.	3.5	86
308	A mouse tissue transcription factor atlas. Nature Communications, 2017, 8, 15089.	5.8	90
309	Hypercholesterolemia: The role of PCSK9. Archives of Biochemistry and Biophysics, 2017, 625-626, 39-53.	1.4	45
310	Liver X receptors link lipid metabolism and inflammation. FEBS Letters, 2017, 591, 2978-2991.	1.3	137
311	Haploid Mammalian Genetic Screen Identifies UBXD8 as a Key Determinant of HMGCR Degradation and Cholesterol Biosynthesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2064-2074.	1.1	25
313	Slfn2 mutationâ€induced loss of Tâ€cell quiescence leads to elevated de novo sterol synthesis. Immunology, 2017, 152, 484-493.	2.0	4
314	Xanthohumol Suppresses Mylip/Idol Gene Expression and Modulates LDLR Abundance and Activity in HepG2 Cells. Journal of Agricultural and Food Chemistry, 2017, 65, 7908-7918.	2.4	14
315	Inhibition Role of Atherogenic Diet on Ethyl Carbamate Induced Lung Tumorigenesis in C57BL/6J Mice. Scientific Reports, 2017, 7, 4723.	1.6	10
316	Identification of novel biomarker and therapeutic target candidates for acute intracerebral hemorrhage by quantitative plasma proteomics. Clinical Proteomics, 2017, 14, 14.	1.1	16
317	Association between familial hypobetalipoproteinemia and the risk of diabetes. Is this the other side of the cholesterolâ€“diabetes connection? A systematic review of literature. Acta Diabetologica, 2017, 54, 111-122.	1.2	19
318	Inflammation at the blood-brain barrier: The role of liver X receptors. Neurobiology of Disease, 2017, 107, 57-65.	2.1	20

#	Article	IF	Citations
319	Inhibition of cholesterol biosynthesis through RNF145-dependent ubiquitination of SCAP. ELife, 2017, 6, .	2.8	39
320	Transcriptional Regulation of T-Cell Lipid Metabolism: Implications for Plasma Membrane Lipid Rafts and T-Cell Function. Frontiers in Immunology, 2017, 8, 1636.	2.2	36
321	Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF-ÎB and JNK/p38 MAPK Signal Pathways. BioMed Research International, 2017, 2017, 1-13.	0.9	43
322	Transcriptional and post-translational changes in the brain of mice deficient in cholesterol removal mediated by cytochrome P450 46A1 (CYP46A1). PLoS ONE, 2017, 12, e0187168.	1.1	27
323	Shunts, channels and lipoprotein endosomal traffic: a new model of cholesterol homeostasis in the hepatocyte. Journal of Biomedical Research, 2017, 31, 95-107.	0.7	8
324	NR1H3 Expression is a Prognostic Factor of Overall Survival for Patients with Muscle-Invasive Bladder Cancer. Journal of Cancer, 2017, 8, 852-860.	1.2	13
325	PSRC1 overexpression attenuates atherosclerosis progression in apoE â^'/â^' mice by modulating cholesterol transportation and inflammation. Journal of Molecular and Cellular Cardiology, 2018, 116, 69-80.	0.9	29
326	Cholesterol metabolismâ€"physiological regulation and pathophysiological deregulation by the endoplasmic reticulum. Wiener Medizinische Wochenschrift, 2018, 168, 280-285.	0.5	49
327	The tumor-suppressor cholesterol metabolite, dendrogenin A, is a new class of LXR modulator activating lethal autophagy in cancers. Biochemical Pharmacology, 2018, 153, 75-81.	2.0	48
328	Macrophages and lipid metabolism. Cellular Immunology, 2018, 330, 27-42.	1.4	289
329	The liver X receptors and sterol regulatory element binding proteins alter progesterone secretion and are regulated by human chorionic gonadotropin in human luteinized granulosa cells. Molecular and Cellular Endocrinology, 2018, 473, 124-135.	1.6	6
330	IL-36/LXR axis modulates cholesterol metabolism and immune defense to Mycobacterium tuberculosis. Scientific Reports, 2018, 8, 1520.	1.6	35
331	A Novel Type 2 Diabetes Mouse Model of Combined Diabetic Kidney Disease and Atherosclerosis. American Journal of Pathology, 2018, 188, 343-352.	1.9	14
332	The contribution of cholesterol and epigenetic changes to the pathophysiology of breast cancer. Journal of Steroid Biochemistry and Molecular Biology, 2018, 183, 1-9.	1.2	26
333	LAL (Lysosomal Acid Lipase) Promotes Reverse Cholesterol Transport In Vitro and In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1191-1201.	1.1	24
334	Î³-Secretase Inhibition Lowers Plasma Triglyceride-Rich Lipoproteins by Stabilizing the LDL Receptor. Cell Metabolism, 2018, 27, 816-827.e4.	7.2	18
335	The COMMD Family Regulates Plasma LDL Levels and Attenuates Atherosclerosis Through Stabilizing the CCC Complex in Endosomal LDLR Trafficking. Circulation Research, 2018, 122, 1648-1660.	2.0	94
336	Plasma inducible degrader of the LDLR, soluble low-density lipoprotein receptor, and proprotein convertase subtilisin/kexin type 9 levels as potential biomarkers of familial hypercholesterolemia in children. Journal of Clinical Lipidology, 2018, 12, 211-218.	0.6	14

#	Article	IF	Citations
337	Targeting epidermal growth factor receptor coâ€dependent signaling pathways in glioblastoma. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2018, 10, e1398.	6.6	17
338	5-Azacytidine engages an IRE1Î±-EGFR-ERK1/2 signaling pathway that stabilizes the LDL receptor mRNA. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 29-40.	0.9	4
339	Hyperlipidemias and Obesity. Biomathematical and Biomechanical Modeling of the Circulatory and Ventilatory Systems, 2018, , 331-548.	0.1	10
340	The sterol-responsive RNF145 E3 ubiquitin ligase mediates the degradation of HMG-CoA reductase together with gp78 and Hrd1. ELife, 2018, 7, .	2.8	85
341	Familial Hypercholesterolemia: The Most Frequent Cholesterol Metabolism Disorder Caused Disease. International Journal of Molecular Sciences, 2018, 19, 3426.	1.8	78
342	Diâ€™ao Xinxuekang Capsule, a Chinese Medicinal Product, Decreases Serum Lipids Levels in High-Fat Diet-Fed ApoEâ€“/â€“ Mice by Downregulating PCSK9. Frontiers in Pharmacology, 2018, 9, 1170.	1.6	17
343	Long Noncoding RNAs. Advances in Clinical Chemistry, 2018, 87, 1-36.	1.8	58
344	Farnesoid X Receptor Activation by Obeticholic Acid Elevates Liver Low-Density Lipoprotein Receptor Expression by mRNA Stabilization and Reduces Plasma Low-Density Lipoprotein Cholesterol in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2448-2459.	1.1	19
345	Diabetes, Obesity, and Breast Cancer. Endocrinology, 2018, 159, 3801-3812.	1.4	132
346	Hepatocellular carcinoma-associated hypercholesterolemia: involvement of proprotein-convertase-subtilisin-kexin type-9 (PCSK9). Cancer & Metabolism, 2018, 6, 16.	2.4	26
347	Mechanisms that minimize retinal impact of apolipoprotein E absence. Journal of Lipid Research, 2018, 59, 2368-2382.	2.0	24
348	Upregulation of 24(R/S),25-epoxycholesterol and 27-hydroxycholesterol suppresses the proliferation and migration of gastric cancer cells. Biochemical and Biophysical Research Communications, 2018, 504, 892-898.	1.0	28
349	Cholesterol Homeostasis and Liver X Receptor (LXR) in Atherosclerosis. Cardiovascular & Hematological Disorders Drug Targets, 2018, 18, 27-33.	0.2	32
350	Associations Between Soluble LDLR and Lipoproteins in a White Cohort and the Effect of PCSK9 Loss-of-Function. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3486-3495.	1.8	14
351	Taxifolin binds with LXR (Î± & Î²) to attenuate DMBA-induced mammary carcinogenesis through mTOR/Maf-1/PTEN pathway. Biomedicine and Pharmacotherapy, 2018, 105, 27-36.	2.5	21
352	Inhibition of low-density lipoprotein receptor degradation with a cyclic peptide that disrupts the homodimerization of IDOL E3 ubiquitin ligase. Chemical Science, 2018, 9, 5957-5966.	3.7	19
353	Effects of mulberry leaf on experimental hyperlipidemia rats induced by highâ€fat diet. Experimental and Therapeutic Medicine, 2018, 16, 547-556.	0.8	17
354	Endocytosis of lipoproteins. Atherosclerosis, 2018, 275, 273-295.	0.4	65

#	Article	IF	Citations
356	CREBH Regulates Systemic Glucose and Lipid Metabolism. International Journal of Molecular Sciences, 2018, 19, 1396.	1.8	62
357	Molecular Pathways Underlying Cholesterol Homeostasis. Nutrients, 2018, 10, 760.	1.7	97
358	Lipid metabolism reprogramming and its potential targets in cancer. Cancer Communications, 2018, 38, 1-14.	3.7	432
359	Liraglutide downregulates hepatic LDL receptor and PCSK9 expression in HepG2 cells and db/db mice through a HNF-1a dependent mechanism. Cardiovascular Diabetology, 2018, 17, 48.	2.7	33
360	Principles of Ubiquitin-Dependent Signaling. Annual Review of Cell and Developmental Biology, 2018, 34, 137-162.	4.0	225
361	Chronic Activation of Liver X Receptor Sensitizes Mice to High Cholesterol Dietâ€“Induced Gut Toxicity. Molecular Pharmacology, 2018, 94, 1145-1154.	1.0	3
362	Pinostrobin Inhibits Proprotein Convertase Subtilisin/Kexin-type 9 (PCSK9) Gene Expression through the Modulation of FoxO3a Protein in HepG2 Cells. Journal of Agricultural and Food Chemistry, 2018, 66, 6083-6093.	2.4	19
363	Liver X receptors in lipid signalling and membrane homeostasis. Nature Reviews Endocrinology, 2018, 14, 452-463.	4.3	387
364	Inactivation of the E3 Ubiquitin Ligase IDOL Attenuates Diet-Induced Obesity and Metabolic Dysfunction in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1785-1795.	1.1	22
365	Involvement of Intracellular Cholesterol in Temozolomide-Induced Glioblastoma Cell Death. Neurologia Medico-Chirurgica, 2018, 58, 296-302.	1.0	6
366	The CCC Complex COMManDs Control of LDL Cholesterol Levels. Circulation Research, 2018, 122, 1629-1631.	2.0	1
367	Proteolysis of the low density lipoprotein receptor by bone morphogenetic protein-1 regulates cellular cholesterol uptake. Scientific Reports, 2019, 9, 11416.	1.6	13
368	System analysis of cross-talk between nuclear receptors reveals an opposite regulation of the cell cycle by LXR and FXR in human HepaRG liver cells. PLoS ONE, 2019, 14, e0220894.	1.1	11
369	Caspase-2 and p75 neurotrophin receptor (p75NTR) are involved in the regulation of SREBP and lipid genes in hepatocyte cells. Cell Death and Disease, 2019, 10, 537.	2.7	21
370	A common variant in CCDC93 protects against myocardial infarction and cardiovascular mortality by regulating endosomal trafficking of low-density lipoprotein receptor. European Heart Journal, 2020, 41, 1040-1053.	1.0	20
371	IDOL G51S Variant Is Associated With High Blood Cholesterol and Increases Low-Density Lipoprotein Receptor Degradation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2468-2479.	1.1	13
372	LXRÎ² controls glioblastoma cell growth, lipid balance, and immune modulation independently of ABCA1. Scientific Reports, 2019, 9, 15458.	1.6	18
373	Therapeutic targets of hypercholesterolemia: HMGCR and LDLR . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 1543-1553.	1.1	35

#	Article	IF	Citations
374	Parkin deficiency prevents chronic ethanol-induced hepatic lipid accumulation through Î²-catenin accumulation. Cell Communication and Signaling, 2019, 17, 104.	2.7	6
375	Decreased H3K9 acetylation level of LXRÎ± mediated dexamethasone-induced placental cholesterol transport dysfunction. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 158524.	1.2	16
376	Even Cancer Cells Watch Their Cholesterol!. Molecular Cell, 2019, 76, 220-231.	4.5	118
377	Metabolism of cholesterol and progesterone is differentially regulated in primary trophoblastic subtypes and might be disturbed in recurrent miscarriages. Journal of Lipid Research, 2019, 60, 1922-1934.	2.0	32
378	Therapeutic FGF19 promotes HDL biogenesis and transhepatic cholesterol efflux to prevent atherosclerosis. Journal of Lipid Research, 2019, 60, 550-565.	2.0	26
379	Cholesterol Metabolism: A Potential Therapeutic Target in Glioblastoma. Cancers, 2019, 11, 146.	1.7	60
380	PCSK9 inhibition 2018: riding a new wave of coronary prevention. Clinical Science, 2019, 133, 205-224.	1.8	8
381	Novel Features of Monocytes and Macrophages in Cardiovascular Biology and Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e30-e37.	1.1	18
382	Indirect regulation of PCSK9 gene in inflammatory response by Porphyromonas gingivalis infection. Heliyon, 2019, 5, e01111.	1.4	3
383	Differential use of E2 ubiquitin conjugating enzymes for regulated degradation of the rate-limiting enzymes HMGCR and SQLE in cholesterol biosynthesis. Atherosclerosis, 2019, 281, 137-142.	0.4	30
384	N-Glycosylation Defects in Humans Lower Low-Density Lipoprotein Cholesterol Through Increased Low-Density Lipoprotein Receptor Expression. Circulation, 2019, 140, 280-292.	1.6	26
385	Activation of liver X receptor upâ€regulates the expression of the NKG2D ligands MICA and MICB in multiple myeloma through different molecular mechanisms. FASEB Journal, 2019, 33, 9489-9504.	0.2	19
386	Diet-induced hepatic steatosis abrogates cell-surface LDLR by inducing de novo PCSK9 expression in mice. Journal of Biological Chemistry, 2019, 294, 9037-9047.	1.6	40
387	Alcohol Induces More Severe Fatty Liver Disease by Influencing Cholesterol Metabolism. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-14.	0.5	11
388	Quantifying Cellular Cholesterol Efflux. Methods in Molecular Biology, 2019, 1951, 111-133.	0.4	6
389	Lowâ€'density lipoprotein receptor expression is involved in the beneficial effect of photodynamic therapy using talaporfin sodium on gastric cancer cells. Oncology Letters, 2019, 17, 3261-3266.	0.8	8
390	The Cholesterol-Modulating Effect of Methanol Extract of Pigeon Pea (Cajanus cajan (L.) Millsp.) Leaves on Regulating LDLR and PCSK9 Expression in HepG2 Cells. Molecules, 2019, 24, 493.	1.7	14
391	Targeting Cholesterol Metabolism in Glioblastoma: A New Therapeutic Approach in Cancer Therapy. Journal of Investigative Medicine, 2019, 67, 715-719.	0.7	51

#	Article	IF	Citations
392	Shuangyu Tiaozhi Granule Attenuates Hypercholesterolemia through the Reduction of Cholesterol Synthesis in Rat Fed a High Cholesterol Diet. BioMed Research International, 2019, 2019, 1-11.	0.9	8
393	Lipid-Activated Nuclear Receptors. Methods in Molecular Biology, 2019, , .	0.4	0
394	IDOL regulates systemic energy balance through control of neuronal VLDLR expression. Nature Metabolism, 2019, 1, 1089-1100.	5.1	12
395	Novel aspects of PCSK9 and lipoprotein receptors in renal disease-related dyslipidemia. Cellular Signalling, 2019, 55, 53-64.	1.7	23
396	Endogenous cholesterol ester hydroperoxides modulate cholesterol levels and inhibit cholesterol uptake in hepatocytes and macrophages. Redox Biology, 2019, 21, 101069.	3.9	38
397	Modulation of LDL receptor expression and promoter methylation in HepG2 cells treated with a Corylus avellana L. extract. Journal of Functional Foods, 2019, 53, 208-218.	1.6	6
398	Cholesterol increases protein levels of the E3 ligase MARCH6 and thereby stimulates protein degradation. Journal of Biological Chemistry, 2019, 294, 2436-2448.	1.6	33
399	Lnc-ing microRNA activity to atheroprotection. Nature Metabolism, 2019, 1, 10-11.	5.1	0
400	Mechanisms and regulation ofÂcholesterol homeostasis. Nature Reviews Molecular Cell Biology, 2020, 21, 225-245.	16.1	899
401	miR-144 Mediates High Fatâ€“Induced Changes of Cholesterol Metabolism via Direct Regulation of C/EBPÎ± in the Liver and Isolated Hepatocytes of Yellow Catfish. Journal of Nutrition, 2020, 150, 464-474.	1.3	22
402	Hepatic ERÎ± accounts for sex differences in the ability to cope with an excess of dietary lipids. Molecular Metabolism, 2020, 32, 97-108.	3.0	50
403	Role of Lipoproteins in the Microenvironment of Hormone-Dependent Cancers. Trends in Endocrinology and Metabolism, 2020, 31, 256-268.	3.1	15
404	Therapeutic implications of altered cholesterol homeostasis mediated by loss of CYP46A1 in human glioblastoma. EMBO Molecular Medicine, 2020, 12, e10924.	3.3	49
405	Cholesterol in LDL receptor recycling and degradation. Clinica Chimica Acta, 2020, 500, 81-86.	0.5	55
406	Proteostasis Regulation in the Endoplasmic Reticulum: An Emerging Theme in the Molecular Pathology and Therapeutic Management of Familial Hypercholesterolemia. Frontiers in Genetics, 2020, 11, 570355.	1.1	6
407	Last step in the path of LDL cholesterol from lysosome to plasma membrane to ER is governed by phosphatidylserine. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18521-18529.	3.3	84
408	Cholesterol metabolism: New functions and therapeutic approaches in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188394.	3.3	166
409	Small Molecule Phenotypic Screen Identifies Novel Regulators of LDLR Expression. ACS Chemical Biology, 2020, 15, 3262-3274.	1.6	3

#	Article	IF	Citations
410	Lipid metabolism and signaling in cancer. , 2020, , 455-467.		1
411	Regulation of intestinal LDLR by the LXR-IDOL axis. Atherosclerosis, 2020, 315, 1-9.	0.4	13
412	Platycodin D enhances LDLR expression and LDL uptake via down-regulation of IDOL mRNA in hepatic cells. Scientific Reports, 2020, 10, 19834.	1.6	14
413	Structural analysis of the LDL receptorâ€“interacting FERM domain in the E3 ubiquitin ligase IDOL reveals an obscured substrate-binding site. Journal of Biological Chemistry, 2020, 295, 13570-13583.	1.6	7
414	Hyperuricemia induces lipid disturbances mediated by LPCAT3 upregulation in the liver. FASEB Journal, 2020, 34, 13474-13493.	0.2	20
415	Hydrogen sulfide accumulates LDL receptor precursor via downregulating PCSK9 in HepG2 cells. American Journal of Physiology - Cell Physiology, 2020, 319, C1082-C1096.	2.1	6
416	Isocitrate dehydrogenase 1 mutation enhances 24(S)-hydroxycholesterol production and alters cholesterol homeostasis in glioma. Oncogene, 2020, 39, 6340-6353.	2.6	19
417	Axl receptor tyrosine kinase is a regulator of apolipoprotein E. Molecular Brain, 2020, 13, 66.	1.3	12
418	Loss of core fucosylation reduces low-density lipoprotein receptor expression in hepatocytes by inducing PCSK9 production. Biochemical and Biophysical Research Communications, 2020, 527, 682-688.	1.0	0
419	Mulberry Fruit Extract Promotes Serum HDL-Cholesterol Levels and Suppresses Hepatic microRNA-33 Expression in Rats Fed High Cholesterol/Cholic Acid Diet. Nutrients, 2020, 12, 1499.	1.7	19
420	Lipid profile and risk of ovarian tumours: a meta-analysis. BMC Cancer, 2020, 20, 200.	1.1	18
421	Ubiquitin-mediated regulation of sterol homeostasis. Current Opinion in Cell Biology, 2020, 65, 103-111.	2.6	29
422	Integrating the roles of liver X receptors in inflammation and infection: mechanisms and outcomes. Current Opinion in Pharmacology, 2020, 53, 55-65.	1.7	16
423	LDL Receptor Pathway Regulation by miR-224 and miR-520d. Frontiers in Cardiovascular Medicine, 2020, 7, 81.	1.1	13
424	Identification of novel genetic variants associated with cardiorespiratory fitness. Progress in Cardiovascular Diseases, 2020, 63, 341-349.	1.6	21
425	Cholesterol, Oxysterols and LXRs in Breast Cancer Pathophysiology. International Journal of Molecular Sciences, 2020, 21, 1356.	1.8	42
426	Haploid genetic screens identify SPRING/C12ORF49 as a determinant of SREBP signaling and cholesterol metabolism. Nature Communications, 2020, 11, 1128.	5.8	30
427	Gut microbial fatty acid metabolites (KetoA and KetoC) affect the progression of nonalcoholic steatohepatitis and reverse cholesterol transport metabolism in mouse model. Lipids, 2020, 55, 151-162.	0.7	6

#	Article	IF	Citations
428	Lipid rafts as signaling hubs in cancer cell survival/death and invasion: implications in tumor progression and therapy. Journal of Lipid Research, 2020, 61, 611-635.	2.0	150
429	4Î²-Hydroxycholesterol Signals From the Liver to Regulate Peripheral Cholesterol Transporters. Frontiers in Pharmacology, 2020, 11, 361.	1.6	12
430	Familial hypercholesterolemia class II low density lipoprotein-receptor response to statin treatment. DMM Disease Models and Mechanisms, 2020, 13, .	1.2	7
431	SUMOylation of the ubiquitin ligase IDOL decreases LDL receptor levels and is reversed by SENP1. Journal of Biological Chemistry, 2021, 296, 100032.	1.6	8
432	Liver X Receptor Î± in Sciatic Nerve Exerts an Alleviating Effect onÂNeuropathic Pain Behaviors Induced by Crush Injury. Neurochemical Research, 2021, 46, 358-366.	1.6	7
433	Lipid metabolism in colon cancer: Role of Liver X Receptor (LXR) and Stearoyl-CoA Desaturase 1 (SCD1). Molecular Aspects of Medicine, 2021, 78, 100933.	2.7	32
434	The E3 ubiquitin ligase MARCHF6 as a metabolic integrator in cholesterol synthesis and beyond. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158837.	1.2	11
435	Fumonisin B1 regulates LDL receptor and ABCA1 expression in an LXR dependent mechanism in liver (HepG2) cells. Toxicon, 2021, 190, 58-64.	0.8	11
436	Cholesterol metabolism in prostate cancer. , 2021, , 211-240.		1
437	Lipid Metabolism in Tumor-Infiltrating T Cells. Advances in Experimental Medicine and Biology, 2021, 1316, 149-167.	0.8	4
438	Insulin and Insulin-Like Growth Factor-1 Associated Cancers. , 2021, , 25-48.		3
439	Genome-scale CRISPR screening for modifiers of cellular LDL uptake. PLoS Genetics, 2021, 17, e1009285.	1.5	24
440	EGFR/SRC/ERK-stabilized YTHDF2 promotes cholesterol dysregulation and invasive growth of glioblastoma. Nature Communications, 2021, 12, 177.	5.8	160
441	Cholesterol metabolism and tumor. Zhejiang Da Xue Xue Bao Yi Xue Ban = Journal of Zhejiang University Medical Sciences, 2021, 50, 23-31.	0.1	5
442	Potentiating CD8+ T cell antitumor activity by inhibiting PCSK9 to promote LDLR-mediated TCR recycling and signaling. Protein and Cell, 2021, 12, 240-260.	4.8	57
443	The Cholesterol-Lowering Effect of Capsella Bursa-Pastoris Is Mediated via SREBP2 and HNF-1Î±-Regulated PCSK9 Inhibition in Obese Mice and HepG2 Cells. Foods, 2021, 10, 408.	1.9	12
444	Deficiency of Nardilysin in the Liver Reduces Serum Cholesterol Levels. Biological and Pharmaceutical Bulletin, 2021, 44, 363-371.	0.6	0
445	A comprehensive phenotypic CRISPR-Cas9 screen of the ubiquitin pathway uncovers roles of ubiquitin ligases in mitosis. Molecular Cell, 2021, 81, 1319-1336.e9.	4.5	24

#	Article	IF	Citations
446	LXR stimulates a metabolic switch and reveals cholesterol homeostasis as a statin target in Tasmanian devil facial tumor disease. Cell Reports, 2021, 34, 108851.	2.9	5
447	Role of Cholesterol and Lipid Rafts in Cancer Signaling: A Promising Therapeutic Opportunity?. Frontiers in Cell and Developmental Biology, 2021, 9, 622908.	1.8	61
448	Genetic variation of RNF145 gene and blood lipid levels in Xinjiang population, China. Scientific Reports, 2021, 11, 5969.	1.6	2
449	Testosterone stimulates cholesterol clearance from human macrophages by activating LXRÎ±. Life Sciences, 2021, 269, 119040.	2.0	8
450	Membrane type 1 matrix metalloproteinase promotes LDL receptor shedding and accelerates the development of atherosclerosis. Nature Communications, 2021, 12, 1889.	5.8	29
451	Disrupted Lipid Metabolism in Multiple Sclerosis: A Role for Liver X Receptors?. Frontiers in Endocrinology, 2021, 12, 639757.	1.5	27
452	Salmonella Typhimurium manipulates macrophage cholesterol homeostasis through the <scp>SseJ</scp> â€mediated suppression of the host cholesterol transport protein <scp>ABCA1</scp>. Cellular Microbiology, 2021, 23, e13329.	1.1	5
453	Immune metabolism: a bridge of dendritic cells function. International Reviews of Immunology, 2022, 41, 313-325.	1.5	8
454	Genetic polymorphism of IDOL gene was associated with the susceptibility of coronary artery disease in Han population in Xinjiang, China. Hereditas, 2021, 158, 12.	0.5	2
455	Cholesterol Derivatives as Promising Anticancer Agents in Glioblastoma Metabolic Therapy. , 0, , 97-120.		2
456	Cholesterol Metabolic Reprogramming in Cancer and Its Pharmacological Modulation as Therapeutic Strategy. Frontiers in Oncology, 2021, 11, 682911.	1.3	56
457	mTOR-Rictor-EGFR axis in oncogenesis and diagnosis of glioblastoma multiforme. Molecular Biology Reports, 2021, 48, 4813-4835.	1.0	15
458	Our evolving understanding of how 27-hydroxycholesterol influences cancer. Biochemical Pharmacology, 2022, 196, 114621.	2.0	21
459	A guide to understanding endoplasmic reticulum stress in metabolic disorders. Molecular Metabolism, 2021, 47, 101169.	3.0	134
460	High hydrostatic pressure extract of mulberry leaves ameliorates hypercholesterolemia via modulating hepatic microRNA-33 expression and AMPK activity in high cholesterol diet fed rats. Food and Nutrition Research, 2021, 65, .	1.2	11
461	Identifying genetic modulators of statin response using subject-derived lymphoblastoid cell lines. Pharmacogenomics, 2021, 22, 413-421.	0.6	1
462	The expression of myosin-regulated light chain interacting protein (MYLIP) in lung cancer and its inhibitory effects on lung carcinomas. Translational Cancer Research, 2021, 10, 2389-2398.	0.4	1
463	Liver X receptors and liver physiology. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166121.	1.8	17

#	Article	IF	Citations
464	Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. Progress in Lipid Research, 2021, 83, 101109.	5.3	86
465	High-Throughput Screening Identifies MicroRNAs Regulating Human PCSK9 and Hepatic Low-Density Lipoprotein Receptor Expression. Frontiers in Cardiovascular Medicine, 2021, 8, 667298.	1.1	4
466	Function of the endolysosomal network in cholesterol homeostasis and metabolic-associated fatty liver disease (MAFLD). Molecular Metabolism, 2021, 50, 101146.	3.0	16
467	The Effects of Sterol-Related Signaling Pathways on Glioma. Nutrition and Cancer, 2021, , 1-11.	0.9	1
468	Role of Cholesterolâ€Associated Steatohepatitis in the Development of NASH. Hepatology Communications, 2022, 6, 12-35.	2.0	80
469	Saringosterol from Sargassum fusiforme Modulates Cholesterol Metabolism and Alleviates Atherosclerosis in ApoE-Deficient Mice. Marine Drugs, 2021, 19, 485.	2.2	8
470	Newly-found functions of metformin for the prevention and treatment of age-related macular degeneration. International Journal of Ophthalmology, 2021, 14, 1274-1280.	0.5	5
471	Low-Density Lipoprotein Receptor Suppresses the Endogenous Cholesterol Synthesis Pathway To Oppose Gammaherpesvirus Replication in Primary Macrophages. Journal of Virology, 2021, 95, e0064921.	1.5	3
472	Developing a second-generation clinical candidate AAV vector for gene therapy of familial hypercholesterolemia. Molecular Therapy - Methods and Clinical Development, 2021, 22, 1-10.	1.8	14
474	Regulation of cholesterol biosynthesis and lipid metabolism: A microRNA management perspective. Steroids, 2021, 173, 108878.	0.8	22
475	Inducible degrader of LDLR: A potential novel therapeutic target and emerging treatment for hyperlipidemia. Vascular Pharmacology, 2021, 140, 106878.	1.0	6
478	Oxysterol mixture and, in particular, 27â€hydroxycholesterol drive <scp>M2</scp> polarization of human macrophages. BioFactors, 2016, 42, 80-92.	2.6	26
479	Prostate Cancer Energetics and Biosynthesis. Advances in Experimental Medicine and Biology, 2019, 1210, 185-237.	0.8	19
480	Oxysterols and Bile Acid Act as Signaling Molecules That Regulate Cholesterol Homeostasis: Nuclear Receptors LXR, FXR, and Fibroblast Growth Factor 15/19. , 2020, , 117-143.		1
481	Proteasome Inhibitors Versus E3 Ligase Inhibitors for Cancer Therapy. Resistance To Targeted Anti-cancer Therapeutics, 2014, , 291-316.	0.1	1
482	Sterolâ€"Protein Interactions in Cholesterol and Bile Acid Synthesis. Sub-Cellular Biochemistry, 2010, 51, 109-135.	1.0	5
483	Farnesol attenuates oxidative stress and liver injury and modulates fatty acid synthase and acetyl-CoA carboxylase in high cholesterol-fed rats. Environmental Science and Pollution Research, 2020, 27, 30118-30132.	2.7	22
484	Lipid metabolism and cancer. Journal of Experimental Medicine, 2021, 218, .	4.2	337

#	Article	IF	Citations
485	The E3 ubiquitin ligase inducible degrader of the LDL receptor/myosin light chain interacting protein in health and disease. Current Opinion in Lipidology, 2019, 30, 192-197.	1.2	12
488	Parkin is a lipid-responsive regulator of fat uptake in mice and mutant human cells. Journal of Clinical Investigation, 2011, 121, 3701-3712.	3.9	170
489	The N342S MYLIP polymorphism is associated with high total cholesterol and increased LDL receptor degradation in humans. Journal of Clinical Investigation, 2011, 121, 3062-3071.	3.9	50
490	Hepatic nuclear corepressor 1 regulates cholesterol absorption through a TRÎ²1-governed pathway. Journal of Clinical Investigation, 2014, 124, 1976-1986.	3.9	28
491	Hepatic TRAP80 selectively regulates lipogenic activity of liver X receptor. Journal of Clinical Investigation, 2015, 125, 183-193.	3.9	27
492	Lipids rule: resetting lipid metabolism restores T cell function in systemic lupus erythematosus. Journal of Clinical Investigation, 2014, 124, 482-485.	3.9	19
493	Anacetrapib lowers LDL by increasing ApoB clearance in mildly hypercholesterolemic subjects. Journal of Clinical Investigation, 2015, 125, 2510-2522.	3.9	67
494	The role of ubiquitination and deubiquitination in cancer metabolism. Molecular Cancer, 2020, 19, 146.	7.9	191
495	Annexin A2 Is a Natural Extrahepatic Inhibitor of the PCSK9-Induced LDL Receptor Degradation. PLoS ONE, 2012, 7, e41865.	1.1	98
496	The Lipid Phenotype of Breast Cancer Cells Characterized by Raman Microspectroscopy: Towards a Stratification of Malignancy. PLoS ONE, 2012, 7, e46456.	1.1	108
497	Sorting Nexin 17 Regulates ApoER2 Recycling and Reelin Signaling. PLoS ONE, 2014, 9, e93672.	1.1	41
498	Piperine Induces Hepatic Low-Density Lipoprotein Receptor Expression through Proteolytic Activation of Sterol Regulatory Element-Binding Proteins. PLoS ONE, 2015, 10, e0139799.	1.1	18
499	Identification of the ER-resident E3 ubiquitin ligase RNF145 as a novel LXR-regulated gene. PLoS ONE, 2017, 12, e0172721.	1.1	23
500	MicroRNA-148a regulates low-density lipoprotein metabolism by repressing the (pro)renin receptor. PLoS ONE, 2020, 15, e0225356.	1.1	3
501	IDOL in metabolic, neurodegenerative and cardiovascular disease. Aging, 2018, 10, 3042-3043.	1.4	4
502	CNPY2 inhibits MYLIP-mediated AR protein degradation in prostate cancer cells. Oncotarget, 2018, 9, 17645-17655.	0.8	13
503	Liver X receptor reduces proliferation of human oral cancer cells by promoting cholesterol efflux via up-regulation of ABCA1 expression. Oncotarget, 2015, 6, 33345-33357.	0.8	39
504	Idolizing the clearance of Amyloid-Î² by microglia. Annals of Translational Medicine, 2016, 4, 536-536.	0.7	3

#	Article	IF	Citations
505	The LDL-Receptor and its Molecular Properties: From Theory to Novel Biochemical and Pharmacological Approaches in Reducing LDL-cholesterol. Current Medicinal Chemistry, 2020, 27, 317-333.	1.2	11
506	Targeting SREBP-1-driven Lipid Metabolism to Treat Cancer. Current Pharmaceutical Design, 2014, 20, 2619-2626.	0.9	228
507	microRNAsï¼šA New Mechanisms for Regulation of Lipid Metabolism*. Progress in Biochemistry and Biophysics, 2011, 38, 781-790.	0.3	6
508	A new framework for reverse cholesterol transport: non-biliary contributions to reverse cholesterol transport. World Journal of Gastroenterology, 2010, 16, 5946-52.	1.4	24
509	Herniarin, a natural coumarin, inhibits mammary carcinogenesis by modulating liver X receptor-Î±/Î²-PI3K-Akt-Maf1 Pathway in sprague-dawley rats. Pharmacognosy Magazine, 2019, 15, 510.	0.3	5
510	Mitochondrial function and regulation of macrophage sterol metabolism and inflammatory responses. World Journal of Cardiology, 2015, 7, 277.	0.5	20
511	SEC24A deficiency lowers plasma cholesterol through reduced PCSK9 secretion. ELife, 2013, 2, e00444.	2.8	104
512	The E3 ubiquitin ligase IDOL regulates synaptic ApoER2 levels and is important for plasticity and learning. ELife, 2017, 6, .	2.8	24
513	Differentially expressed genes reflect disease-induced rather than disease-causing changes in the transcriptome. Nature Communications, 2021, 12, 5647.	5.8	61
514	LDL receptor and pathogen processes: Functions beyond normal lipids. Journal of Clinical Lipidology, 2021, 15, 773-781.	0.6	4
515	Sterols, Oxysterols, and Accessible Cholesterol: Signalling for Homeostasis, in Immunity and During Development. Frontiers in Physiology, 2021, 12, 723224.	1.3	11
516	Targeting cholesterol homeostasis in hematopoietic malignancies. Blood, 2022, 139, 165-176.	0.6	17
517	A mix of chlorogenic and caffeic acid reduces C/EBPÃŸ and PPAR-Î³1 levels and counteracts lipid accumulation in macrophages. European Journal of Nutrition, 2022, 61, 1003-1014.	1.8	7
518	Disorders of Lipid Metabolism. , 2011, , 1633-1674.		5
519	Membrane Transport Protein ABCA1 and Type 2 Diabetes Mellitus*. Progress in Biochemistry and Biophysics, 2011, 38, 797-803.	0.3	0
520	Novel Regulators of Low-Density Lipoprotein Receptor and Circulating LDL-C for the Prevention and Treatment of Coronary Artery Disease. , 0, , .		0
521	The Liver in Metabolic Syndrome. , 2014, , 27-61.		1
522	Steroidogenic Acute Regulatory Protein (StAR) and Atherogenesis. , 2014, , 99-117.		1

#	Article	IF	Citations
523	Monogenic Hypercholesterolemias. Contemporary Endocrinology, 2015, , 177-203.	0.3	0
524	4 Chemistry of Waxes and Sterols. , 2017, , 109-130.		0
525	Efficacy and safety of Zhibitai in combination with atorvastatin for lipid lowering in patients with coronary heart disease. Oncotarget, 2018, 9, 9489-9497.	0.8	5
526	Understanding Neurodegeneration and Neuroprotection Through Genetic Screens in Drosophila. , 2019, , 55-88.		2
529	Prevention of Metabolic, Redox and Lipid Biosynthesis Alterations by Visnagin in High Cholesterol-Fed Rats. International Journal of Pharmacology, 2020, 16, 398-406.	0.1	0
531	USP16 Regulates the Stability and Function of LDL receptor by Deubiquitination. International Heart Journal, 2020, 61, 1034-1040.	0.5	5
536	Liver X receptors, nervous system, and lipid metabolism. Journal of Endocrinological Investigation, 2013, 36, 435-43.	1.8	17
538	LXR, prostate cancer and cholesterol: the Good, the Bad and the Ugly. American Journal of Cancer Research, 2013, 3, 58-69.	1.4	10
540	Defective quorum sensing of acute lymphoblastic leukemic cells: evidence of collective behavior of leukemic populations as semi-autonomous aberrant ecosystems. American Journal of Cancer Research, 2016, 6, 1177-230.	1.4	5
541	Transcriptome-Wide Profile of 25-Hydroxyvitamin D3 in Primary Immune Cells from Human Peripheral Blood. Nutrients, 2021, 13, 4100.	1.7	11
542	HepG2 liver cells treated with fumonisin B1 in galactose supplemented media have altered expression of genes and proteins known to regulate cholesterol flux. World Mycotoxin Journal, 2022, 15, 313-324.	0.8	2
543	Addressing dyslipidemic risk beyond LDL-cholesterol. Journal of Clinical Investigation, 2022, 132, .	3.9	51
544	Mechanisms for Improving Hepatic Glucolipid Metabolism by Cinnamic Acid and Cinnamic Aldehyde: An Insight Provided by Multi-Omics. Frontiers in Nutrition, 2021, 8, 794841.	1.6	5
545	Pharmacogenetic loci for rosuvastatin are associated with intima-media thickness change and coronary artery disease risk. Pharmacogenomics, 2022, 23, 15-34.	0.6	5
546	Low-Density Lipoprotein Internalization, Degradation and Receptor Recycling Along Membrane Contact Sites. Frontiers in Cell and Developmental Biology, 2022, 10, 826379.	1.8	15
547	Integrative analysis reveals multiple modes of LXR transcriptional regulation in liver. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	11
548	Involvement of LDL and ox-LDL in Cancer Development and Its Therapeutical Potential. Frontiers in Oncology, 2022, 12, 803473.	1.3	31
549	Hidden Relationships between N-Glycosylation and Disulfide Bonds in Individual Proteins. International Journal of Molecular Sciences, 2022, 23, 3742.	1.8	2

#	Article	IF	Citations
550	Ablation of Plasma Prekallikrein Decreases Low-Density Lipoprotein Cholesterol by Stabilizing Low-Density Lipoprotein Receptor and Protects Against Atherosclerosis. Circulation, 2022, 145, 675-687.	1.6	22
551	ApoE4 reduction: An emerging and promising therapeutic strategy for Alzheimer's disease. Neurobiology of Aging, 2022, 115, 20-28.	1.5	20
552	Regulation of Glucose, Fatty Acid and Amino Acid Metabolism by Ubiquitination and SUMOylation for Cancer Progression. Frontiers in Cell and Developmental Biology, 2022, 10, 849625.	1.8	8
553	Pathways and Mechanisms of Cellular Cholesterol Effluxâ€"Insight From Imaging. Frontiers in Cell and Developmental Biology, 2022, 10, 834408.	1.8	19
554	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint. Molecules, 2022, 27, 2165.	1.7	47
555	Peter Tontonoz honored with the 2022 ASCI/Stanley J. Korsmeyer Award. Journal of Clinical Investigation, 2022, 132, .	3.9	1
556	Nuclear receptors in oral cancer-Emerging players in tumorigenesis. Cancer Letters, 2022, 536, 215666.	3.2	14
557	Antihyperlipidemic Activity of Gut-Restricted LXR Inverse Agonists. ACS Chemical Biology, 2022, , .	1.6	5
558	Transcriptomics of Acute DENV-Specific CD8+ T Cells Does Not Support Qualitative Differences as Drivers of Disease Severity. Vaccines, 2022, 10, 612.	2.1	6
563	Brap regulates liver morphology and hepatocyte turnover via modulation of the Hippo pathway. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2201859119.	3.3	4
564	Modulation of Cholesterol Pathways in Human Macrophages Infected by Clinical Isolates of Leishmania infantum. Frontiers in Cellular and Infection Microbiology, 2022, 12, 878711.	1.8	2
566	Effects of statins on the inducible degrader of low-density lipoprotein receptor in familial hypercholesterolemia. Endocrine Connections, 2022, 11, .	0.8	6
567	Idol Depletion Protects against Spontaneous Atherosclerosis in a Hamster Model of Familial Hypercholesterolemia. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-14.	1.9	3
568	<scp>KIF11</scp> manipulates <scp>SREBP2</scp> â€dependent mevalonate cross talk to promote tumor progression in pancreatic ductal adenocarcinoma. Cancer Medicine, 0, , .	1.3	5
569	LXRÎ² Activation Inhibits the Proliferation of Small-cell Lung Cancer Cells by Depleting Cellular Cholesterol. Anticancer Research, 2022, 42, 2923-2930.	0.5	1
570	Targeting Nuclear Receptors in Lung Cancerâ€"Novel Therapeutic Prospects. Pharmaceuticals, 2022, 15, 624.	1.7	9
573	25-Hydroxycholesterol as a Signaling Molecule of the Nervous System. Biochemistry (Moscow), 2022, 87, 524-537.	0.7	10
574	LXR agonist modifies neuronal lipid homeostasis and decreases PGD2 in the dorsal root ganglia in western diet-fed mice. Scientific Reports, 2022, 12, .	1.6	2

#	Article	IF	Citations
575	Structure, function and small molecule modulation of intracellular sterol transport proteins. Bioorganic and Medicinal Chemistry, 2022, 68, 116856.	1.4	4
576	Metabolic Reprogramming in Hematologic Malignancies: Advances and Clinical Perspectives. Cancer Research, 2022, 82, 2955-2963.	0.4	11
577	Increased LDL receptor by SREBP2 or SREBP2-induced lncRNA LDLR-AS promotes triglyceride accumulation in fish. IScience, 2022, 25, 104670.	1.9	9
578	Wholeâ€transcriptome sequencing identifies neuroinflammation, metabolism and bloodâ€“brain barrier related processes in the hippocampus of aged mice during perioperative period. CNS Neuroscience and Therapeutics, 2022, 28, 1576-1595.	1.9	12
579	Prebiotics and Probiotics: Effects on Dyslipidemia and NAFLD/NASH and the Associated Mechanisms of Action. Current Pharmaceutical Biotechnology, 2023, 24, 633-646.	0.9	1
580	Curcumin nicotinate decreases serum LDL cholesterol through LDL receptor-mediated mechanism. European Journal of Pharmacology, 2022, 931, 175195.	1.7	5
582	Dietary choline prevents high fat-induced disorder of hepatic cholesterol metabolism through SREBP-2/HNF-4Î±/CYP7A1 pathway in a freshwater teleost yellow catfish Pelteobagrus fulvidraco. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2022, 1865, 194874.	0.9	2
583	Use of cholesterol metabolism for anti-cancer strategies. Drug Discovery Today, 2022, 27, 103347.	3.2	3
584	Posttranslational control of lipogenesis in the tumor microenvironment. Journal of Hematology and Oncology, 2022, 15, .	6.9	7
586	Cold shock domainâ€containing protein E1 is a posttranscriptional regulator of the LDL receptor. Science Translational Medicine, 2022, 14, .	5.8	8
587	Endosomal trafficking in metabolic homeostasis and diseases. Nature Reviews Endocrinology, 2023, 19, 28-45.	4.3	6
588	Fused-ring Î±-pyrones from intramolecular Câ€“H activation and their lipids-lowering activity associated with LXR-IDOL-LDLR axis regulation. European Journal of Medicinal Chemistry, 2022, , 114866.	2.6	0
589	Modulation of gene expression by YTH domain family (YTHDF) proteins in human physiology and pathology. Journal of Cellular Physiology, 2023, 238, 5-31.	2.0	5
590	Interactive effects of dietary cholesterol and phospholipids on growth and metabolism of juvenile swimming crab, Portunus trituberculatus. Animal Feed Science and Technology, 2022, 294, 115484.	1.1	2
591	Cargo-Specific Role for Retriever Subunit VPS26C in Hepatocyte Lipoprotein Receptor Recycling to Control Postprandial Triglyceride-Rich Lipoproteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2023, 43, .	1.1	2
594	Genetic analysis of DNA methylation in dyslipidemia: a case-control study. PeerJ, 0, 10, e14590.	0.9	1
595	Tissue-specific mechanisms of fat metabolism that focus on insulin actions. Journal of Advanced Research, 2023, 53, 187-198.	4.4	4
597	Low expression of NR1H3 correlates with macrophage infiltration and indicates worse survival in breast cancer. Frontiers in Genetics, 0, 13, .	1.1	2

#	Article	IF	Citations
598	Sterol-regulated transmembrane protein TMEM86a couples LXR signaling to regulation of lysoplasmalogens in macrophages. Journal of Lipid Research, 2023, 64, 100325.	2.0	2
599	Mechanism of the Regulation of Plasma Cholesterol Levels by PI(4,5)P2. Advances in Experimental Medicine and Biology, 2023, , 89-119.	0.8	0
600	Metabolic reprogramming in colorectal cancer: regulatory networks and therapy. Cell and Bioscience, 2023, 13, .	2.1	9
601	The Epigenetic Regulation of RNA N6-Methyladenosine Methylation in Glycolipid Metabolism. Biomolecules, 2023, 13, 273.	1.8	2
602	Development of LXR inverse agonists to treat MAFLD, NASH, and other metabolic diseases. Frontiers in Medicine, 0, 10, .	1.2	4
603	Ubiquitin-Specific Proteases (USPs) and Metabolic Disorders. International Journal of Molecular Sciences, 2023, 24, 3219.	1.8	16
604	Di-(2-ethylhexyl) Phthalate Limits the Lipid-Lowering Effects of Simvastatin by Promoting Protein Degradation of Low-Density Lipoprotein Receptor: Role of PPARÎ³-PCSK9 and LXRÎ±-IDOL Signaling Pathways. Antioxidants, 2023, 12, 477.	2.2	0
605	Liver X Receptor Agonist Inhibits Oxidized Low-Density Lipoprotein Induced Choroidal Neovascularization via the NF-ÎºB Signaling Pathway. Journal of Clinical Medicine, 2023, 12, 1674.	1.0	1
606	RNF130 Regulates LDLR Availability and Plasma LDL Cholesterol Levels. Circulation Research, 2023, 132, 849-863.	2.0	2
607	Unlocking the genome of perch â€“ From genes to ecology and back again. Ecology of Freshwater Fish, 2023, 32, 677-702.	0.7	3
608	CKAP4 is a potential exosomal biomarker and therapeutic target for lung cancer. Translational Lung Cancer Research, 2023, 12, 408-426.	1.3	3
609	Mechanisms of obesity- and diabetes mellitus-related pancreatic carcinogenesis: a comprehensive and systematic review. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	12
610	Ca2+ and Annexins â€“ Emerging Players for Sensing and Transferring Cholesterol and Phosphoinositides via Membrane Contact Sites. Advances in Experimental Medicine and Biology, 2023, , 393-438.	0.8	0
612	RNF130 Adds Further Complexity to the Regulation of LDL Receptor Activity. Circulation Research, 2023, 132, 864-866.	2.0	0
613	Construction of nicotinic acid curcumin nanoparticles and its Anti-atherosclerosis effect via PCSK9/LDL-R, ABCA1/Caveolin-1/LXR pathway. Materials and Design, 2023, 229, 111931.	3.3	1
614	FACI is a novel clathrin adaptor protein 2-binding protein that facilitates low-density lipoprotein endocytosis. Cell and Bioscience, 2023, 13, .	2.1	0
615	Systematic elucidation of genetic mechanisms underlying cholesterol uptake. Cell Genomics, 2023, , 100304.	3.0	2
616	Effect of type 2 diabetes on the inducible degrader of LDL receptor. Journal of Lipid Research, 2023, 64, 100380.	2.0	0

#	Article	IF	Citations