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Lack of SIRT1 (Mammalian Sirtuin 1) activity leads to liver steatosis in the SIRT1+/- mice: a role of lipid mobilization and inflammation

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#	Paper	IF	Citations
186	SIRT1: recent lessons from mouse models. 2010 , 10, 819-23		220
185	Lack of SIRT1 (Mammalian Sirtuin 1) activity leads to liver steatosis in the SIRT1+/- mice: a role of lipid mobilization and inflammation. <i>Endocrinology</i> , 2010 , 151, 2504-14	4.8	166
184	Regulation of SIRT1 in cellular functions: role of polyphenols. 2010 , 501, 79-90		477
183	Sirtuin 1 (SIRT1) protein degradation in response to persistent c-Jun N-terminal kinase 1 (JNK1) activation contributes to hepatic steatosis in obesity. <i>Journal of Biological Chemistry</i> , 2011 , 286, 22227-	3 4 ∙4	146
182	Hepatic overexpression of SIRT1 in mice attenuates endoplasmic reticulum stress and insulin resistance in the liver. <i>FASEB Journal</i> , 2011 , 25, 1664-79	0.9	229
181	Challenges in Drug Discovery for Thiazolidinedione Substitute. <i>Acta Pharmaceutica Sinica B</i> , 2011 , 1, 13	7115432	24
180	Sirtuin-1 regulation of mammalian metabolism. 2011 , 17, 8-13		77
179	Current world literature. 2011, 22, 231-6		
178	Sirtuins and inflammation: Friends or foes?. 2011 , 81, 569-76		39
177	Effects of dairy consumption on SIRT1 and mitochondrial biogenesis in adipocytes and muscle cells. 2011 , 8, 91		36
176	Hepatic FoxOs regulate lipid metabolism via modulation of expression of the nicotinamide phosphoribosyltransferase gene. <i>Journal of Biological Chemistry</i> , 2011 , 286, 14681-90	5.4	102
175	Sirtuin 1 promotes Th2 responses and airway allergy by repressing peroxisome proliferator-activated receptor-lactivity in dendritic cells. 2011 , 187, 4517-29		59
174	Promyelocytic leukemia inhibits adipogenesis, and loss of promyelocytic leukemia results in fat accumulation in mice. 2011 , 301, E1130-42		17
173	Systemic SIRT1 insufficiency results in disruption of energy homeostasis and steroid hormone metabolism upon high-fat-diet feeding. <i>FASEB Journal</i> , 2012 , 26, 656-67	0.9	46
172	Angiogenic deficiency and adipose tissue dysfunction are associated with macrophage malfunction in SIRT1-/- mice. <i>Endocrinology</i> , 2012 , 153, 1706-16	4.8	49
171	Sirtuins and pyridine nucleotides. 2012 , 111, 642-56		31
170	Sirtuin 1 and sirtuin 3: physiological modulators of metabolism. 2012 , 92, 1479-514		417

169 Chapter 13:SIRT1 Activators in Development. 2012, 366-402

168	Carprofen analogues as sirtuin inhibitors: enzyme and cellular studies. 2012 , 7, 1905-8		10
167	Janus-faced role of SIRT1 in tumorigenesis. 2012 , 1271, 10-9		112
166	Sirtuin 1 in immune regulation and autoimmunity. 2012 , 90, 6-13		59
165	ECatenin regulates hepatic mitochondrial function and energy balance in mice. 2012, 143, 754-764		61
164	Mitochondrial sirtuins and metabolic homeostasis. 2012 , 26, 759-70		42
163	MicroRNA Regulation of SIRT1. Frontiers in Physiology, 2012 , 3, 68	4.6	125
162	Curcumin prevents high fat diet induced insulin resistance and obesity via attenuating lipogenesis in liver and inflammatory pathway in adipocytes. 2012 , 7, e28784		177
161	Caveolin-1 orchestrates the balance between glucose and lipid-dependent energy metabolism: implications for liver regeneration. <i>Hepatology</i> , 2012 , 55, 1574-84	11.2	60
160	Targeting sirtuin 1 to improve metabolism: all you need is NAD(+)?. 2012 , 64, 166-87		282
159	Sirtuins as regulators of metabolism and healthspan. <i>Nature Reviews Molecular Cell Biology</i> , 2012 , 13, 225-238	48.7	1302
158	Impaired SIRT1 nucleocytoplasmic shuttling in the senescent heart during ischemic stress. <i>FASEB Journal</i> , 2013 , 27, 4332-42	0.9	104
157	Screen of pseudopeptidic inhibitors of human sirtuins 1-3: two lead compounds with antiproliferative effects in cancer cells. 2013 , 56, 6681-95		32
156	Calorie restriction and sirtuins revisited. 2013 , 27, 2072-85		315
155	Adipose tissue and liver expression of SIRT1, 3, and 6 increase after extensive weight loss in morbid obesity. <i>Journal of Hepatology</i> , 2013 , 59, 1315-22	13.4	78
154	miR-34a/SIRT1/p53 is suppressed by ursodeoxycholic acid in the rat liver and activated by disease severity in human non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2013 , 58, 119-25	13.4	240
153	Change in mRNA expression of sirtuin 1 and sirtuin 3 in cats fed on high fat diet. 2013 , 9, 187		10
152	The endotoxin/toll-like receptor-4 axis mediates gut microvascular dysfunction associated with post-prandial lipidemia. 2013 , 13, 12		6

151	Effects of combination therapy with vildagliptin and valsartan in a mouse model of type 2 diabetes. 2013 , 12, 160		22
150	SIRT1 and energy metabolism. 2013 , 45, 51-60		199
149	Hepatic menin recruits SIRT1 to control liver steatosis through histone deacetylation. <i>Journal of Hepatology</i> , 2013 , 59, 1299-306	·4	47
148	Breed difference of porcine Sirtuin 1, adipose triglyceride lipase (ATGL) and hormone sensitive lipase (HSL). 2013 , 158, 199-205		1
147	Seven sirtuins for seven deadly diseases of aging. 2013 , 56, 133-71		272
146	Flavonoid apigenin is an inhibitor of the NAD+ ase CD38: implications for cellular NAD+ metabolism, protein acetylation, and treatment of metabolic syndrome. 2013 , 62, 1084-93		207
145	Targeting sirtuins for the treatment of diabetes. 2013 , 3, 245-257		39
144	AMPK regulation of fatty acid metabolism and mitochondrial biogenesis: implications for obesity. 2013 , 366, 135-51		242
143	Antagonistic crosstalk between NF- B and SIRT1 in the regulation of inflammation and metabolic disorders. 2013 , 25, 1939-48		542
142	Negative regulation of inflammation by SIRT1. <i>Pharmacological Research</i> , 2013 , 67, 60-7	.2	154
142	Negative regulation of inflammation by SIRT1. <i>Pharmacological Research</i> , 2013 , 67, 60-7 Overexpression of NF-B p65 in macrophages ameliorates atherosclerosis in apoE-knockout mice. 2013 , 305, E1375-83	.2	154
	Overexpression of NF-B p65 in macrophages ameliorates atherosclerosis in apoE-knockout mice.	0.2	
141	Overexpression of NF-B p65 in macrophages ameliorates atherosclerosis in apoE-knockout mice. 2013, 305, E1375-83 Ethanol administration exacerbates the abnormalities in hepatic lipid oxidation in genetically obese	2	16
141	Overexpression of NF-B p65 in macrophages ameliorates atherosclerosis in apoE-knockout mice. 2013, 305, E1375-83 Ethanol administration exacerbates the abnormalities in hepatic lipid oxidation in genetically obese mice. 2013, 304, G38-47	2	16
141 140 139	Overexpression of NF-B p65 in macrophages ameliorates atherosclerosis in apoE-knockout mice. 2013, 305, E1375-83 Ethanol administration exacerbates the abnormalities in hepatic lipid oxidation in genetically obese mice. 2013, 304, G38-47 Antitumor effect of SIRT1 inhibition in human HCC tumor models in vitro and in vivo. 2013, 12, 499-508 Shift work or food intake during the rest phase promotes metabolic disruption and desynchrony of	.2	16 44 84
141 140 139	Overexpression of NF-B p65 in macrophages ameliorates atherosclerosis in apoE-knockout mice. 2013, 305, E1375-83 Ethanol administration exacerbates the abnormalities in hepatic lipid oxidation in genetically obese mice. 2013, 304, G38-47 Antitumor effect of SIRT1 inhibition in human HCC tumor models in vitro and in vivo. 2013, 12, 499-508 Shift work or food intake during the rest phase promotes metabolic disruption and desynchrony of liver genes in male rats. 2013, 8, e60052	2	16 44 84 101
141 140 139 138	Overexpression of NF-B p65 in macrophages ameliorates atherosclerosis in apoE-knockout mice. 2013, 305, E1375-83 Ethanol administration exacerbates the abnormalities in hepatic lipid oxidation in genetically obese mice. 2013, 304, G38-47 Antitumor effect of SIRT1 inhibition in human HCC tumor models in vitro and in vivo. 2013, 12, 499-508 Shift work or food intake during the rest phase promotes metabolic disruption and desynchrony of liver genes in male rats. 2013, 8, e60052 SIRT1 in Type 2 Diabetes: Mechanisms and Therapeutic Potential. 2013, 37, 315-25 Sirtuin 1 affects the transcriptional expression of adipose triglyceride lipase in porcine adipocytes.	2	16 44 84 101 166

133	Identification and characterization of microRNAs in ovary and testis of Nile tilapia (Oreochromis niloticus) by using solexa sequencing technology. 2014 , 9, e86821		50
132	SIRT1 mediates the effect of GLP-1 receptor agonist exenatide on ameliorating hepatic steatosis. 2014 , 63, 3637-46		74
131	The sirtuin class of histone deacetylases: regulation and roles in lipid metabolism. 2014 , 66, 89-99		28
130	Small-molecule allosteric activators of sirtuins. 2014 , 54, 363-80		171
129	Minireview: Central Sirt1 regulates energy balance via the melanocortin system and alternate pathways. 2014 , 28, 1423-34		29
128	Sirtuins, metabolism, and DNA repair. 2014 , 26, 24-32		99
127	Disruption of Sirt1 in chondrocytes causes accelerated progression of osteoarthritis under mechanical stress and during ageing in mice. 2014 , 73, 1397-404		97
126	SIRT1 metabolic actions: Integrating recent advances from mouse models. <i>Molecular Metabolism</i> , 2014 , 3, 5-18	8.8	92
125	Nicotinamide improves glucose metabolism and affects the hepatic NAD-sirtuin pathway in a rodent model of obesity and type 2 diabetes. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 66-72	6.3	81
124	Hepatic sirtuin 1 is dispensable for fibrate-induced peroxisome proliferator-activated receptor-⊞ function in vivo. 2014 , 306, E824-37		6
123	AAV8-mediated Sirt1 gene transfer to the liver prevents high carbohydrate diet-induced nonalcoholic fatty liver disease. 2014 , 1, 14039		14
122	Sirtuin 1-mediated inhibition of p66shc expression alleviates liver ischemia/reperfusion injury. 2014 , 42, e373-81		40
121	Inhibition of HMGB1 release via salvianolic acid B-mediated SIRT1 up-regulation protects rats against non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2015 , 5, 16013	4.9	76
120	Role of transcription factor acetylation in the regulation of metabolic homeostasis. 2015 , 6, 804-13		27
119	Myeloid-specific SIRT1 Deletion Aggravates Hepatic Inflammation and Steatosis in High-fat Diet-fed Mice. 2015 , 19, 451-60		12
118	Interaction between leucine and phosphodiesterase 5 inhibition in modulating insulin sensitivity and lipid metabolism. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy,</i> 2015 , 8, 227-39	3.4	16
117	Role of physical exercise on hepatic insulin, glucocorticoid and inflammatory signaling pathways in an animal model of non-alcoholic steatohepatitis. 2015 , 123, 51-60		10
116	Histone deacetylases and atherosclerosis. 2015 , 240, 355-66		35

115	Nicotinamide N-methyltransferase regulates hepatic nutrient metabolism through Sirt1 protein stabilization. 2015 , 21, 887-94	129
114	Diverse roles of SIRT1 in cancer biology and lipid metabolism. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 950-65	70
113	Maternal High-Fat Feeding Increases Placental Lipoprotein Lipase Activity by Reducing SIRT1 Expression in Mice. 2015 , 64, 3111-20	46
112	High Calorie Diet and the Human Brain. 2015,	9
111	Sirtuins. 2015 , 374-384	
110	Molecular mechanisms of fatty liver in obesity. 2015 , 9, 275-87	21
109	Interaction between metformin and leucine in reducing hyperlipidemia and hepatic lipid accumulation in diet-induced obese mice. 2015 , 64, 1426-34	36
108	Leucine and Resveratrol: Experimental Model of Sirtuin Pathway Activation. 2015 , 87-99	
107	Plasma levels of SIRT1 associate with non-alcoholic fatty liver disease in obese patients. 2015 , 49, 711-6	77
106	Branched Chain Amino Acids in Clinical Nutrition. 2015,	4
105	CD36/Sirtuin 1 Axis Impairment Contributes to Hepatic Steatosis in ACE2-Deficient Mice. 2016 , 2016, 6487509	10
104	In Search of New Therapeutic Targets in Obesity Treatment: Sirtuins. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	28
103	Induction of Posttranslational Modifications of Mitochondrial Proteins by ATP Contributes to Negative Regulation of Mitochondrial Function. 2016 , 11, e0150454	15
102	Effects of Berberine on Hepatic Sirtuin 1-uncoupling Protein 2 Pathway in Non-alcoholic Fatty Liver Disease Rats Induced by High-fat Diet. 2016 , 8, 359-365	4
101	A novel organ culture model of aorta for vascular calcification. 2016 , 244, 51-8	37
100	Treatment with NAD(+) inhibited experimental autoimmune encephalomyelitis by activating AMPK/SIRT1 signaling pathway and modulating Th1/Th17 immune responses in mice. 2016 , 39, 287-294	27
99	Methylene blue alleviates experimental autoimmune encephalomyelitis by modulating AMPK/SIRT1 signaling pathway and Th17/Treg immune response. 2016 , 299, 45-52	15
98	Sirtuins. 2016,	

97	SIRT1 in Metabolic Health and Disease. 2016 , 71-104		1
96	Lycium barbarum polysaccharide attenuates high-fat diet-induced hepatic steatosis by up-regulating SIRT1 expression and deacetylase activity. <i>Scientific Reports</i> , 2016 , 6, 36209	4.9	36
95	Gpr97 is dispensable for metabolic syndrome but is involved in macrophage inflammation in high-fat diet-induced obesity in mice. <i>Scientific Reports</i> , 2016 , 6, 24649	4.9	13
94	Dietary proanthocyanidins boost hepatic NAD(+) metabolism and SIRT1 expression and activity in a dose-dependent manner in healthy rats. <i>Scientific Reports</i> , 2016 , 6, 24977	4.9	31
93	Diet-induced obesity and insulin resistance are associated with brown fat degeneration in SIRT1-deficient mice. 2016 , 24, 634-42		30
92	The multiple-hit pathogenesis of non-alcoholic fatty liver disease (NAFLD). 2016 , 65, 1038-48		1227
91	GLP-1 receptor agonist promotes brown remodelling in mouse white adipose tissue through SIRT1. 2016 , 59, 1059-69		64
90	1,4-Dihydropyridines Active on the SIRT1/AMPK Pathway Ameliorate Skin Repair and Mitochondrial Function and Exhibit Inhibition of Proliferation in Cancer Cells. 2016 , 59, 1471-91		37
89	Circulating SIRT1 Increases After Intragastric Balloon Fat Loss in Obese Patients. 2016 , 26, 1215-20		24
88	Haploinsufficiency of SIRT1 Enhances Glutamine Metabolism and Promotes Cancer Development. 2017 , 27, 483-494		28
87	Adipose tissue NAD-homeostasis, sirtuins and poly(ADP-ribose) polymerases -important players in mitochondrial metabolism and metabolic health. 2017 , 12, 246-263		52
86	Association study and expression analysis of CYP4A11 gene copy number variation in Chinese cattle. <i>Scientific Reports</i> , 2017 , 7, 46599	4.9	21
85	SIRT1/HSF1/HSP pathway is essential for exenatide-alleviated, lipid-induced hepatic endoplasmic reticulum stress. <i>Hepatology</i> , 2017 , 66, 809-824	11.2	45
84	Scopolin ameliorates high-fat diet induced hepatic steatosis in mice: potential involvement of SIRT1-mediated signaling cascades in the liver. <i>Scientific Reports</i> , 2017 , 7, 2251	4.9	11
83	Glutaredoxin-1 Deficiency Causes Fatty Liver and Dyslipidemia by Inhibiting Sirtuin-1. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 313-327	8.4	25
82	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2783-2790	6.9	25
81	PU.1-deficient mice are resistant to thioacetamide-induced hepatic fibrosis: PU.1 finely regulates Sirt1 expression via transcriptional promotion of and in hepatic stellate cells. <i>Bioscience Reports</i> , 2017 , 37,	4.1	10
8o	PARP inhibition protects against alcoholic and non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2017 , 66, 589-600	13.4	84

79	Targeting NAD+ in Metabolic Disease: New Insights Into an Old Molecule. <i>Journal of the Endocrine Society</i> , 2017 , 1, 816-835	0.4	50
78	Acanthoic Acid Can Partially Prevent Alcohol Exposure-Induced Liver Lipid Deposition and Inflammation. <i>Frontiers in Pharmacology</i> , 2017 , 8, 134	5.6	17
77	Emerging roles of SIRT1 in fatty liver diseases. International Journal of Biological Sciences, 2017, 13, 852	-86.2	146
76	Silibinin Restores NAD+ Levels and Induces the SIRT1/AMPK Pathway in Non-Alcoholic Fatty Liver. <i>Nutrients</i> , 2017 , 9,	6.7	53
75	Garlic (Allium sativum) increases SIRT1 and SIRT2 gene expressions in the kidney and liver tissues of STZ- and STZ+niacinamide-induced diabetic rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018 , 29, 463-467	1.6	12
74	Sirtuin-1 (SIRT1) stimulates growth-plate chondrogenesis by attenuating the PERK-eIF-2ECHOP pathway in the unfolded protein response. <i>Journal of Biological Chemistry</i> , 2018 , 293, 8614-8625	5.4	27
73	₩-Nicotinic Acetylcholine Receptor Agonist Ameliorates Nicotine Plus High-Fat Diet-Induced Hepatic Steatosis in Male Mice by Inhibiting Oxidative Stress and Stimulating AMPK Signaling. <i>Endocrinology</i> , 2018 , 159, 931-944	4.8	16
72	Polyphenol-enriched extract of Rosa rugosa Thunb regulates lipid metabolism in diabetic rats by activation of AMPK pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 100, 29-35	7.5	21
71	Tomato Powder Inhibits Hepatic Steatosis and Inflammation Potentially Through Restoring SIRT1 Activity and Adiponectin Function Independent of Carotenoid Cleavage Enzymes in Mice. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1700738	5.9	39
70	Randomised clinical trial: a leucine-metformin-sildenafil combination (NS-0200) vs placebo in patients with non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2018 , 47, 163	39-165	1 ²²
69	Dioscin alleviates non-alcoholic fatty liver disease through adjusting lipid metabolism via SIRT1/AMPK signaling pathway. <i>Pharmacological Research</i> , 2018 , 131, 51-60	10.2	55
68	Caffeine with Links to NAFLD and Accelerated Brain Aging. 2018,		2
67	Fibrogenic Secretome of Sirtuin 1-Deficient Endothelial Cells: Wnt, Notch and Glycocalyx Rheostat. <i>Frontiers in Physiology</i> , 2018 , 9, 1325	4.6	13
66	The emergence of the nicotinamide riboside kinases in the regulation of NAD+ metabolism. <i>Journal of Molecular Endocrinology</i> , 2018 , 61, R107-R121	4.5	15
65	Sirtuins in Adipose Tissue Metabolism. 2018 ,		3
64	Cellular Uptake and Bioavailability of Tocotrienol-Rich Fraction in SIRT1-Inhibited Human Diploid Fibroblasts. <i>Scientific Reports</i> , 2018 , 8, 10471	4.9	8
63	Metabolites as regulators of insulin sensitivity and metabolism. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 654-672	48.7	167
62	Diet and Brain Health: Which Role for Polyphenols?. <i>Current Pharmaceutical Design</i> , 2018 , 24, 227-238	3.3	33

(2020-2019)

61	Generation of Human Fatty Livers Using Custom-Engineered Induced Pluripotent Stem Cells with Modifiable SIRT1 Metabolism. <i>Cell Metabolism</i> , 2019 , 30, 385-401.e9	24.6	36	
60	The chemical and pharmacological basis of garlic (Allium sativum L.) as potential therapy for type 2 diabetes and metabolic syndrome. 2019 , 689-749		1	
59	Melatonin Effects on Non-Alcoholic Fatty Liver Disease Are Related to MicroRNA-34a-5p/Sirt1 Axis and Autophagy. <i>Cells</i> , 2019 , 8,	7.9	32	
58	SIRT1 in Astrocytes Regulates Glucose Metabolism and Reproductive Function. <i>Endocrinology</i> , 2019 , 160, 1547-1560	4.8	21	
57	Implications of altered NAD metabolism in metabolic disorders. <i>Journal of Biomedical Science</i> , 2019 , 26, 34	13.3	77	
56	Zfp217 mediates m6A mRNA methylation to orchestrate transcriptional and post-transcriptional regulation to promote adipogenic differentiation. <i>Nucleic Acids Research</i> , 2019 , 47, 6130-6144	20.1	50	
55	Neuronal SIRT1 Regulates Metabolic and Reproductive Function and the Response to Caloric Restriction. <i>Journal of the Endocrine Society</i> , 2019 , 3, 427-445	0.4	8	
54	KS23, a novel peptide derived from adiponectin, inhibits retinal inflammation and downregulates the proportions of Th1 and Th17 cells during experimental autoimmune uveitis. <i>Journal of Neuroinflammation</i> , 2019 , 16, 278	10.1	7	
53	Understanding Dietary Intervention-Mediated Epigenetic Modifications in Metabolic Diseases. <i>Frontiers in Genetics</i> , 2020 , 11, 590369	4.5	6	
52	The progress of epigenetics in the development and progression of non-alcoholic fatty liver disease. <i>Liver Research</i> , 2020 , 4, 118-123	4.1	4	
51	Need for NAD: Focus on Striated Muscle Laminopathies. <i>Cells</i> , 2020 , 9,	7.9	1	
50	Reversal of diet-induced hepatic steatosis by peripheral CB1 receptor blockade in mice is p53/miRNA-22/SIRT1/PPAREdependent. <i>Molecular Metabolism</i> , 2020 , 42, 101087	8.8	7	
49	Therapeutic effects of all eed extract on hepatic steatosis in high-fat diet-induced obesity in male mice: a comparative effect with rosuvastatin. <i>Journal of Pharmacy and Pharmacology</i> , 2020 , 72, 1921-1932	4.8	4	
48	Adipose Tissue SIRT1 Regulates Insulin Sensitizing and Anti-Inflammatory Effects of Berberine. <i>Frontiers in Pharmacology</i> , 2020 , 11, 591227	5.6	12	
47	Molecular basis of ageing in chronic metabolic diseases. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 1373-1389	5.2	12	
46	Role of Silent Information Regulator 1 (SIRT1) in Regulating Oxidative Stress and Inflammation. <i>Inflammation</i> , 2020 , 43, 1589-1598	5.1	53	
45	NF- B/HDAC1/SREBP1c pathway mediates the inflammation signal in progression of hepatic steatosis. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 825-836	15.5	7	
44	DHA Protects Against Hepatic Steatosis by Activating Sirt1 in a High Fat Diet-Induced Nonalcoholic Fatty Liver Disease Mouse Model. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 185-196	3.4	7	

43	Spatiotemporal gating of SIRT1 functions by O-GlcNAcylation is essential for liver metabolic switching and prevents hyperglycemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6890-6900	11.5	11
42	CD47 Deficiency in Mice Exacerbates Chronic Fatty Diet-Induced Steatohepatitis Through Its Role in Regulating Hepatic Inflammation and Lipid Metabolism. <i>Frontiers in Immunology</i> , 2020 , 11, 148	8.4	5
41	Rhodiola crenulata root extract ameliorates fructose-induced hepatic steatosis in rats: Association with activating autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 125, 109836	7.5	1
40	Spirulina Enhances Bone Modeling in Growing Male Rats by Regulating Growth-Related Hormones. <i>Nutrients</i> , 2020 , 12,	6.7	6
39	NAD /sirtuin metabolism is enhanced in response to cold-induced changes in lipid metabolism in mouse liver. <i>FEBS Letters</i> , 2020 , 594, 1711-1725	3.8	3
38	Low Expression of Sirtuin 1 in the Dairy Cows with Mild Fatty Liver Alters Hepatic Lipid Metabolism. <i>Animals</i> , 2020 , 10,	3.1	5
37	High folic acid intake increases methylation-dependent expression of Lsr and dysregulates hepatic cholesterol homeostasis. <i>Journal of Nutritional Biochemistry</i> , 2021 , 88, 108554	6.3	О
36	Ketogenesis and SIRT1 as a tool in managing obesity. <i>Obesity Research and Clinical Practice</i> , 2021 , 15, 10-18	5.4	1
35	Calorie Restriction and SIRT1 Overexpression Induce Different Gene Expression Profiles in White Adipose Tissue in Association with Metabolic Improvement. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000672	5.9	1
34	Partial Deficiency of Zfp217 Resists High-Fat Diet-Induced Obesity by Increasing Energy Metabolism in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	O
33	miR-146a-5p targets to regulate bone mass. <i>Bone Reports</i> , 2021 , 14, 101013	2.6	2
32	Metformin Alleviates Steatohepatitis in Diet-Induced Obese Mice in a SIRT1-Dependent Way. <i>Frontiers in Pharmacology</i> , 2021 , 12, 704112	5.6	O
31	Black Mulberry Extract Elicits Hepatoprotective Effects in Nonalcoholic Fatty Liver Disease Models by Inhibition of Histone Acetylation. <i>Journal of Medicinal Food</i> , 2021 , 24, 978-986	2.8	1
30	Targeting epigenetics and lncRNAs in liver disease: From mechanisms to therapeutics. <i>Pharmacological Research</i> , 2021 , 172, 105846	10.2	3
29	Temporal gating of SIRT1 functions by O-GlcNAcylation prevents hyperglycemia and enables physiological transitions in liver.		1
28	PGC-Enriched miRNAs Control Germ Cell Development. <i>Molecules and Cells</i> , 2015 , 38, 895-903	3.5	15
27	Impact of Sirt1 on mammalian aging. <i>Aging</i> , 2010 , 2, 315-6	5.6	30
26	SIRT1 suppresses adipogenesis by activating Wnt/Eatenin signaling in vivo and in vitro. <i>Oncotarget</i> , 2016 , 7, 77707-77720	3.3	52

25	Links between Insulin Resistance, Lipoprotein Metabolism and Amyloidosis in Alzheimer Disease. Health, 2014 , 06, 1549-1579	0.4	5
24	Induction of NAFLD with Increased Risk of Obesity and Chronic Diseases in Developed Countries. <i>Open Journal of Endocrine and Metabolic Diseases</i> , 2014 , 04, 90-110	0.1	18
23	Exercise Intervention Mitigates Pathological Liver Changes in NAFLD Zebrafish by Activating SIRT1/AMPK/NRF2 Signaling. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
22	Effects of the High Calorie Diet on the Development of Chronic Visceral Disease. 2015 , 219-244		
21	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	2.1	1
20	Hepatic regeneration in aging: Cell type plasticity and redundancies. <i>Advances in Stem Cells and Their Niches</i> , 2020 , 127-171	0.2	O
19	Chapter 6:Nutritional Regulation of Mitochondrial Health and Its Implication in Treating Obesity and Diabetes: Lessons Learned From the ResveratrolBirt1 Axis. <i>Food Chemistry, Function and Analysis</i> , 2020 , 164-190	0.6	
18	Herbal medicine of Kursi Wufarikun Ziyabit inhibits mitochondrial ATP production to activate AMPK in hepatocytes in therapy of type 2 diabetes.		
17	Berberine Improves the Protective Effects of Metformin on Diabetic Nephropathy in db/db Mice through Trib1-dependent Inhibiting Inflammation. <i>Pharmaceutical Research</i> , 2021 , 38, 1807	4.5	1
16	Acetyl-CoA mediated autoacetylation of fatty acid synthase in de novo lipogenesis.		
15	Two novel InDels within the Promoter of are associated with growth traits in chickens <i>British Poultry Science</i> , 2021 ,	1.9	
14	Regression of Liver Steatosis Following Phosphatidylcholine Administration: A Review of Molecular and Metabolic Pathways Involved <i>Frontiers in Pharmacology</i> , 2022 , 13, 797923	5.6	1
13	Data_Sheet_1.PDF. 2020 ,		
12	Table_1.docx. 2018 ,		
11	datasheet1.docx. 2020 ,		
10	Impaired reciprocal regulation between SIRT6 and TGF-Lignaling in fatty liver FASEB Journal, 2022 , 36, e22335	0.9	О
9	Mechanisms behind the Role of SIBO in Non-Alcoholic Fatty Liver Disease: An Interplay between Liver, Gut Microbiota and Nutrition. <i>Current Nutrition and Food Science</i> , 2022 , 18,	0.7	
8	Integrating genome-wide association study and pathway analysis reveals physiological aspects affecting heifer early calving defined at different ages in Nelore cattle. <i>Genomics</i> , 2022 , 110395	4.3	

7	Ketone Bodies and SIRT1, Synergic Epigenetic Regulators for Metabolic Health: A Narrative Review. 2022 , 14, 3145	3
6	A Botanical Mixture Consisting of Inula japonica and Potentilla chinensis Relieves Obesity via the AMPK Signaling Pathway in 3T3-L1 Adipocytes and HFD-Fed Obese Mice. 2022 , 14, 3685	1
5	CircLDLR acts as a sponge for miR-667-5p to regulate SIRT1 expression in non-alcoholic fatty liver disease. 2022 , 21,	1
4	Sirtuins: Key players in obesity-associated adipose tissue remodeling. 13,	O
3	Betulin prevents high fat diet-induced non-alcoholic fatty liver disease by mitigating oxidative stress and upregulating Nrf2 and SIRT1 in rats. 2023 , 322, 121688	0
2	Pharmacogenetics of Metformin in Type 2 Diabetes: Perspectives for Latin America.	O
1	Investigating fatty liver disease-associated adverse outcome pathways of perfluorooctane sulfonate using a systems toxicology approach. 2023 , 176, 113781	О