

Kristina Schoonjans

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158
papers

23,800
citations

76
h-index

154
g-index

163
ext. papers

26,893
ext. citations

12.6
avg, IF

6.51
L-index

#	Paper	IF	Citations
158	Bile acids induce energy expenditure by promoting intracellular thyroid hormone activation. <i>Nature</i> , 2006 , 439, 484-9	50.4	1508
157	Mechanism of action of fibrates on lipid and lipoprotein metabolism. <i>Circulation</i> , 1998 , 98, 2088-93	16.7	1322
156	Molecular basis for feedback regulation of bile acid synthesis by nuclear receptors. <i>Molecular Cell</i> , 2000 , 6, 507-15	17.6	1195
155	TGR5-mediated bile acid sensing controls glucose homeostasis. <i>Cell Metabolism</i> , 2009 , 10, 167-77	24.6	1184
154	The organization, promoter analysis, and expression of the human PPARgamma gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 18779-89	5.4	889
153	Targeting bile-acid signalling for metabolic diseases. <i>Nature Reviews Drug Discovery</i> , 2008 , 7, 678-93	64.1	864
152	The NAD(+)/Sirtuin Pathway Modulates Longevity through Activation of Mitochondrial UPR and FOXO Signaling. <i>Cell</i> , 2013 , 154, 430-41	56.2	747
151	The NAD(+) precursor nicotinamide riboside enhances oxidative metabolism and protects against high-fat diet-induced obesity. <i>Cell Metabolism</i> , 2012 , 15, 838-47	24.6	732
150	NAD+ repletion improves mitochondrial and stem cell function and enhances life span in mice. <i>Science</i> , 2016 , 352, 1436-43	33.3	645
149	PARP-1 inhibition increases mitochondrial metabolism through SIRT1 activation. <i>Cell Metabolism</i> , 2011 , 13, 461-468	24.6	555
148	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. <i>Nature Medicine</i> , 2015 , 21, 159-65	50.5	420
147	Coordinate regulation of the expression of the fatty acid transport protein and acyl-CoA synthetase genes by PPARalpha and PPARgamma activators. <i>Journal of Biological Chemistry</i> , 1997 , 272, 28210-7	5.4	404
146	Peroxisome proliferator-activated receptors, orphans with ligands and functions. <i>Current Opinion in Lipidology</i> , 1997 , 8, 159-66	4.4	395
145	Attenuation of colon inflammation through activators of the retinoid X receptor (RXR)/peroxisome proliferator-activated receptor gamma (PPARGamma) heterodimer. A basis for new therapeutic strategies. <i>Journal of Experimental Medicine</i> , 2001 , 193, 827-38	16.6	371
144	TGR5 activation inhibits atherosclerosis by reducing macrophage inflammation and lipid loading. <i>Cell Metabolism</i> , 2011 , 14, 747-57	24.6	364
143	Regulation of peroxisome proliferator-activated receptor gamma expression by adipocyte differentiation and determination factor 1/sterol regulatory element binding protein 1: implications for adipocyte differentiation and metabolism. <i>Molecular and Cellular Biology</i> , 1999 , 19, 5495-503	4.8	356
142	Sirtuins: the magnificent seven function, metabolism and longevity. <i>Annals of Medicine</i> , 2007 , 39, 335-45		353

141	Sirtuin functions in health and disease. <i>Molecular Endocrinology</i> , 2007 , 21, 1745-55		343
140	LRH-1: an orphan nuclear receptor involved in development, metabolism and steroidogenesis. <i>Trends in Cell Biology</i> , 2004 , 14, 250-60	18.3	340
139	Induction of the acyl-coenzyme A synthetase gene by fibrates and fatty acids is mediated by a peroxisome proliferator response element in the C promoter. <i>Journal of Biological Chemistry</i> , 1995 , 270, 19269-76	5.4	303
138	Fibrates increase human apolipoprotein A-II expression through activation of the peroxisome proliferator-activated receptor. <i>Journal of Clinical Investigation</i> , 1995 , 96, 741-50	15.9	302
137	The bile acid membrane receptor TGR5 as an emerging target in metabolism and inflammation. <i>Journal of Hepatology</i> , 2011 , 54, 1263-72	13.4	262
136	Synergy between LRH-1 and beta-catenin induces G1 cyclin-mediated cell proliferation. <i>Molecular Cell</i> , 2004 , 15, 499-509	17.6	238
135	The TGR5 receptor mediates bile acid-induced itch and analgesia. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1513-30	15.9	229
134	Eliciting the mitochondrial unfolded protein response by nicotinamide adenine dinucleotide repletion reverses fatty liver disease in mice. <i>Hepatology</i> , 2016 , 63, 1190-204	11.2	223
133	Novel potent and selective bile acid derivatives as TGR5 agonists: biological screening, structure-activity relationships, and molecular modeling studies. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 1831-41	8.3	218
132	Histone methyl transferases and demethylases; can they link metabolism and transcription?. <i>Cell Metabolism</i> , 2010 , 12, 321-327	24.6	204
131	Farnesoid X receptor inhibits glucagon-like peptide-1 production by enteroendocrine L cells. <i>Nature Communications</i> , 2015 , 6, 7629	17.4	202
130	Bile Acids Trigger GLP-1 Release Predominantly by Accessing Basolaterally Located G Protein-Coupled Bile Acid Receptors. <i>Endocrinology</i> , 2015 , 156, 3961-70	4.8	199
129	The receptor TGR5 mediates the prokinetic actions of intestinal bile acids and is required for normal defecation in mice. <i>Gastroenterology</i> , 2013 , 144, 145-54	13.3	198
128	Discovery of 6alpha-ethyl-23(S)-methylcholic acid (S-EMCA, INT-777) as a potent and selective agonist for the TGR5 receptor, a novel target for diabetes. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 7958-61	8.3	194
127	Lowering bile acid pool size with a synthetic farnesoid X receptor (FXR) agonist induces obesity and diabetes through reduced energy expenditure. <i>Journal of Biological Chemistry</i> , 2011 , 286, 26913-20	5.4	185
126	The small heterodimer partner interacts with the liver X receptor alpha and represses its transcriptional activity. <i>Molecular Endocrinology</i> , 2002 , 16, 2065-76		178
125	Peroxisome proliferator-activated receptor (PPAR)-beta/delta stimulates differentiation and lipid accumulation in keratinocytes. <i>Journal of Investigative Dermatology</i> , 2004 , 122, 971-83	4.3	177
124	Pharmacological Inhibition of poly(ADP-ribose) polymerases improves fitness and mitochondrial function in skeletal muscle. <i>Cell Metabolism</i> , 2014 , 19, 1034-41	24.6	175

123	Thiazolidinediones: an update. <i>Lancet, The</i> , 2000 , 355, 1008-10	40	174
122	A SIRT7-dependent acetylation switch of GABP β controls mitochondrial function. <i>Cell Metabolism</i> , 2014 , 20, 856-869	24.6	171
121	Expression of peroxisome proliferator-activated receptor gamma (PPARgamma) in normal human pancreatic islet cells. <i>Diabetologia</i> , 2000 , 43, 1165-9	10.3	171
120	NCoR1 is a conserved physiological modulator of muscle mass and oxidative function. <i>Cell</i> , 2011 , 147, 827-39	56.2	170
119	Dual farnesoid X receptor/TGR5 agonist INT-767 reduces liver injury in the Mdr2 $^{-/-}$ (Abcb4 $^{-/-}$) mouse cholangiopathy model by promoting biliary HCO $_3^-$ output. <i>Hepatology</i> , 2011 , 54, 1303-12	11.2	167
118	Adipose tissue expression of the lipid droplet-associating proteins S3-12 and perilipin is controlled by peroxisome proliferator-activated receptor-gamma. <i>Diabetes</i> , 2004 , 53, 1243-52	0.9	164
117	De novo NAD synthesis enhances mitochondrial function and improves health. <i>Nature</i> , 2018 , 563, 354-359	50.4	163
116	Structure-activity relationship study of betulinic acid, a novel and selective TGR5 agonist, and its synthetic derivatives: potential impact in diabetes. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 178-90	8.3	159
115	The genetic ablation of SRC-3 protects against obesity and improves insulin sensitivity by reducing the acetylation of PGC-1 α . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17187-92	11.5	158
114	Systems genetics of metabolism: the use of the BXD murine reference panel for multiscalar integration of traits. <i>Cell</i> , 2012 , 150, 1287-99	56.2	150
113	Liver receptor homolog 1 is essential for ovulation. <i>Genes and Development</i> , 2008 , 22, 1871-6	12.6	150
112	Topical peroxisome proliferator activated receptor-alpha activators reduce inflammation in irritant and allergic contact dermatitis models. <i>Journal of Investigative Dermatology</i> , 2002 , 118, 94-101	4.3	140
111	The receptor TGR5 protects the liver from bile acid overload during liver regeneration in mice. <i>Hepatology</i> , 2013 , 58, 1451-60	11.2	132
110	Compromised intestinal lipid absorption in mice with a liver-specific deficiency of liver receptor homolog 1. <i>Molecular and Cellular Biology</i> , 2007 , 27, 8330-9	4.8	127
109	TGR5 potentiates GLP-1 secretion in response to anionic exchange resins. <i>Scientific Reports</i> , 2012 , 2, 430	4.9	126
108	Reversible acetylation of PGC-1: connecting energy sensors and effectors to guarantee metabolic flexibility. <i>Oncogene</i> , 2010 , 29, 4617-24	9.2	126
107	Bile acids and the membrane bile acid receptor TGR5--connecting nutrition and metabolism. <i>Thyroid</i> , 2008 , 18, 167-74	6.2	123
106	Lipoprotein lipase: recent contributions from molecular biology. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 1992 , 29, 243-68	9.4	122

105	TGR5 reduces macrophage migration through mTOR-induced C/EBP β differential translation. <i>Journal of Clinical Investigation</i> , 2014 , 124, 5424-36	15.9	121
104	Mitochondrial matrix calcium is an activating signal for hormone secretion. <i>Cell Metabolism</i> , 2011 , 13, 601-11	24.6	119
103	Liver receptor homolog 1 controls the expression of the scavenger receptor class B type I. <i>EMBO Reports</i> , 2002 , 3, 1181-7	6.5	117
102	Liver receptor homolog 1 contributes to intestinal tumor formation through effects on cell cycle and inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 2058-62	11.5	116
101	Progesterone receptor knockout mice have an improved glucose homeostasis secondary to beta-cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 15644-8	11.5	115
100	LRH-1-mediated glucocorticoid synthesis in enterocytes protects against inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13098-103	11.5	111
99	Transcriptional regulation of apolipoprotein A-I gene expression by the nuclear receptor ROR α . <i>Journal of Biological Chemistry</i> , 1997 , 272, 22401-4	5.4	100
98	The Sirt1 activator SRT3025 provides atheroprotection in Apoe $^{-/-}$ mice by reducing hepatic Pcsk9 secretion and enhancing Ldlr expression. <i>European Heart Journal</i> , 2015 , 36, 51-9	9.5	92
97	The bile acid membrane receptor TGR5: a valuable metabolic target. <i>Digestive Diseases</i> , 2011 , 29, 37-44	3.2	92
96	The nuclear receptor LRH-1 critically regulates extra-adrenal glucocorticoid synthesis in the intestine. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2057-62	16.6	92
95	TGR5 and Immunometabolism: Insights from Physiology and Pharmacology. <i>Trends in Pharmacological Sciences</i> , 2015 , 36, 847-857	13.2	91
94	Acyl-CoA synthetase mRNA expression is controlled by fibric-acid derivatives, feeding and liver proliferation. <i>FEBS Journal</i> , 1993 , 216, 615-22		91
93	TGR5 signalling promotes mitochondrial fission and beige remodelling of white adipose tissue. <i>Nature Communications</i> , 2018 , 9, 245	17.4	90
92	Nongenomic actions of bile acids. Synthesis and preliminary characterization of 23- and 6,23-alkyl-substituted bile acid derivatives as selective modulators for the G-protein coupled receptor TGR5. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 4265-8	8.3	89
91	Regulation of triglyceride metabolism by PPARs: fibrates and thiazolidinediones have distinct effects. <i>Journal of Atherosclerosis and Thrombosis</i> , 1996 , 3, 81-9	4	89
90	Farnesol stimulates differentiation in epidermal keratinocytes via PPAR α . <i>Journal of Biological Chemistry</i> , 2000 , 275, 11484-91	5.4	88
89	Bile acids are important direct and indirect regulators of the secretion of appetite- and metabolism-regulating hormones from the gut and pancreas. <i>Molecular Metabolism</i> , 2018 , 11, 84-95	8.8	86
88	Adipose tissue-specific inactivation of the retinoblastoma protein protects against diabetes because of increased energy expenditure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10703-8	11.5	85

87	Vitamin D and energy homeostasis: of mice and men. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 79-87	15.2	83
86	Bile acid binding resin improves metabolic control through the induction of energy expenditure. <i>PLoS ONE</i> , 2012 , 7, e38286	3.7	81
85	Inhibiting poly ADP-ribosylation increases fatty acid oxidation and protects against fatty liver disease. <i>Journal of Hepatology</i> , 2017 , 66, 132-141	13.4	80
84	Pancreatic-duodenal homeobox 1 regulates expression of liver receptor homolog 1 during pancreas development. <i>Molecular and Cellular Biology</i> , 2003 , 23, 6713-24	4.8	80
83	LRH-1-dependent glucose sensing determines intermediary metabolism in liver. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2817-26	15.9	77
82	PPAR α /RXR α Heterodimers Control Human Trophoblast Invasion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 5017-5024	5.6	75
81	SIRT2 deficiency modulates macrophage polarization and susceptibility to experimental colitis. <i>PLoS ONE</i> , 2014 , 9, e103573	3.7	72
80	Nr5a2 heterozygosity sensitises to, and cooperates with, inflammation in KRas(G12V)-driven pancreatic tumourigenesis. <i>Gut</i> , 2014 , 63, 647-55	19.2	71
79	Liver receptor homolog-1 is essential for pregnancy. <i>Nature Medicine</i> , 2013 , 19, 1061-6	50.5	70
78	The small heterodimer partner is a gonadal gatekeeper of sexual maturation in male mice. <i>Genes and Development</i> , 2007 , 21, 303-15	12.6	70
77	Raised hepatic bile acid concentrations during pregnancy in mice are associated with reduced farnesoid X receptor function. <i>Hepatology</i> , 2010 , 52, 1341-9	11.2	68
76	3-Hydroxy-3-methylglutaryl CoA reductase inhibitors reduce serum triglyceride levels through modulation of apolipoprotein C-III and lipoprotein lipase. <i>FEBS Letters</i> , 1999 , 452, 160-4	3.8	68
75	Hepatic glucose sensing and integrative pathways in the liver. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 1453-67	10.3	65
74	The intestinal nuclear receptor signature with epithelial localization patterns and expression modulation in tumors. <i>Gastroenterology</i> , 2010 , 138, 636-48, 648.e1-12	13.3	65
73	The effects of fibrates and thiazolidinediones on plasma triglyceride metabolism are mediated by distinct peroxisome proliferator activated receptors (PPARs). <i>Biochimie</i> , 1997 , 79, 95-9	4.6	65
72	Induction of LPL gene expression by sterols is mediated by a sterol regulatory element and is independent of the presence of multiple E boxes. <i>Journal of Molecular Biology</i> , 2000 , 304, 323-34	6.5	65
71	The RNA-Binding Protein PUM2 Impairs Mitochondrial Dynamics and Mitophagy During Aging. <i>Molecular Cell</i> , 2019 , 73, 775-787.e10	17.6	60
70	SUMOylation-dependent LRH-1/PROX1 interaction promotes atherosclerosis by decreasing hepatic reverse cholesterol transport. <i>Cell Metabolism</i> , 2014 , 20, 603-13	24.6	60

69	Transcriptional regulation by NR5A2 links differentiation and inflammation in the pancreas. <i>Nature</i> , 2018 , 554, 533-537	50.4	57
68	Emerging actions of the nuclear receptor LRH-1 in the gut. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011 , 1812, 947-55	6.9	55
67	Retinoids increase human apolipoprotein A-11 expression through activation of the retinoid X receptor but not the retinoic acid receptor. <i>Molecular and Cellular Biology</i> , 1996 , 16, 3350-60	4.8	51
66	Mechano-modulatory synthetic niches for liver organoid derivation. <i>Nature Communications</i> , 2020 , 11, 3416	17.4	49
65	The role of PPAR-gamma/RXR-alpha heterodimers in the regulation of human trophoblast invasion. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 26-30	6.5	47
64	The orphan nuclear receptor small heterodimer partner mediates male infertility induced by diethylstilbestrol in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3752-64	15.9	47
63	Mitochondrial matrix pH controls oxidative phosphorylation and metabolism-secretion coupling in INS-1E clonal beta cells. <i>FASEB Journal</i> , 2010 , 24, 4613-26	0.9	45
62	Liver receptor homolog 1 controls the expression of carboxyl ester lipase. <i>Journal of Biological Chemistry</i> , 2003 , 278, 35725-31	5.4	44
61	Local glucocorticoid production in the mouse lung is induced by immune cell stimulation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012 , 67, 227-34	9.3	42
60	Structure-based design of a superagonist ligand for the vitamin D nuclear receptor. <i>Chemistry and Biology</i> , 2008 , 15, 383-92		42
59	LRH-1-dependent programming of mitochondrial glutamine processing drives liver cancer. <i>Genes and Development</i> , 2016 , 30, 1255-60	12.6	41
58	Molecular basis for the regulation of the nuclear receptor LRH-1. <i>Current Opinion in Cell Biology</i> , 2015 , 33, 26-34	9	39
57	Role of peroxisome proliferator-activated receptor alpha in epidermal development in utero. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 1298-303	4.3	39
56	Bile Acids Signal via TGR5 to Activate Intestinal Stem Cells and Epithelial Regeneration. <i>Gastroenterology</i> , 2020 , 159, 956-968.e8	13.3	38
55	Phosphorylation of the nuclear receptor corepressor 1 by protein kinase B switches its corepressor targets in the liver in mice. <i>Hepatology</i> , 2015 , 62, 1606-18	11.2	37
54	Bile acids alter male fertility through G-protein-coupled bile acid receptor 1 signaling pathways in mice. <i>Hepatology</i> , 2014 , 60, 1054-65	11.2	37
53	LRH-1 mediates anti-inflammatory and antifungal phenotype of IL-13-activated macrophages through the PPAR δ ligand synthesis. <i>Nature Communications</i> , 2015 , 6, 6801	17.4	35
52	Peroxisome proliferator-activated receptor-alpha activation inhibits Langerhans cell function. <i>Journal of Immunology</i> , 2007 , 178, 4362-72	5.3	32

51	LRH-1 agonism favours an immune-islet dialogue which protects against diabetes mellitus. <i>Nature Communications</i> , 2018 , 9, 1488	17.4	31
50	Probing the Binding Site of Bile Acids in TGR5. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 1158-62	4.3	31
49	EKlotho deficiency protects against obesity through a crosstalk between liver, microbiota, and brown adipose tissue. <i>JCI Insight</i> , 2017 , 2,	9.9	31
48	Impaired SUMOylation of nuclear receptor LRH-1 promotes nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2017 , 127, 583-592	15.9	31
47	Molecular Physiology of Bile Acid Signaling in Health, Disease, and Aging. <i>Physiological Reviews</i> , 2021 , 101, 683-731	47.9	31
46	Loss of Sirt1 function improves intestinal anti-bacterial defense and protects from colitis-induced colorectal cancer. <i>PLoS ONE</i> , 2014 , 9, e102495	3.7	30
45	Lipopolysaccharide induces intestinal glucocorticoid synthesis in a TNFalpha-dependent manner. <i>FASEB Journal</i> , 2010 , 24, 1340-6	0.9	30
44	Plasma membrane-bound G protein-coupled bile acid receptor attenuates liver ischemia/reperfusion injury via the inhibition of toll-like receptor 4 signaling in mice. <i>Liver Transplantation</i> , 2017 , 23, 63-74	4.5	29
43	Cell cycle-dependent regulation of extra-adrenal glucocorticoid synthesis in murine intestinal epithelial cells. <i>FASEB Journal</i> , 2008 , 22, 4117-25	0.9	29
42	Bile acids drive colonic secretion of glucagon-like-peptide 1 and peptide-YY in rodents. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, G574-G584	5.1	25
41	L-Cell Differentiation Is Induced by Bile Acids Through GPBAR1 and Paracrine GLP-1 and Serotonin Signaling. <i>Diabetes</i> , 2020 , 69, 614-623	0.9	24
40	An Integrated Systems Genetics and Omics Toolkit to Probe Gene Function. <i>Cell Systems</i> , 2018 , 6, 90-102.e46	2.4	23
39	The G Protein-Coupled Bile Acid Receptor TGR5 (Gpbar1) Modulates Endothelin-1 Signaling in Liver. <i>Cells</i> , 2019 , 8,	7.9	23
38	Small heterodimer partner deletion prevents hepatic steatosis and when combined with farnesoid X receptor loss protects against type 2 diabetes in mice. <i>Hepatology</i> , 2017 , 66, 1854-1865	11.2	22
37	The Orphan Nuclear Receptor Liver Homolog Receptor-1 (Nr5a2) Regulates Ovarian Granulosa Cell Proliferation. <i>Journal of the Endocrine Society</i> , 2018 , 2, 24-41	0.4	22
36	Cholesterol supply and SREBPs modulate transcription of the Niemann-Pick C-1 gene in steroidogenic tissues. <i>Journal of Lipid Research</i> , 2008 , 49, 1024-33	6.3	22
35	Hypothalamic bile acid-TGR5 signaling protects from obesity. <i>Cell Metabolism</i> , 2021 , 33, 1483-1492.e10	24.6	22
34	Xol INXS: role of the liver X and the farnesol X receptors. <i>Current Opinion in Lipidology</i> , 2001 , 12, 113-20	4.4	21

33	Redefining the TGR5 triterpenoid binding pocket at the C-3 position. <i>ChemMedChem</i> , 2010 , 5, 1983-8	3.7	20
32	Molecular field analysis and 3D-quantitative structure-activity relationship study (MFA 3D-QSAR) unveil novel features of bile acid recognition at TGR5. <i>Journal of Chemical Information and Modeling</i> , 2008 , 48, 1792-801	6.1	20
31	Developmental extinction of liver lipoprotein lipase mRNA expression might be regulated by an NF-1-like site. <i>FEBS Letters</i> , 1993 , 329, 89-95	3.8	18
30	Bile acid-FXR pathways regulate male sexual maturation in mice. <i>Oncotarget</i> , 2016 , 7, 19468-82	3.3	18
29	NR5A2 regulates Lhb and Fshb transcription in gonadotrope-like cells in vitro, but is dispensable for gonadotropin synthesis and fertility in vivo. <i>PLoS ONE</i> , 2013 , 8, e59058	3.7	17
28	Central anorexigenic actions of bile acids are mediated by TGR5. <i>Nature Metabolism</i> , 2021 , 3, 595-603	14.6	17
27	Bile acids deoxycholic acid and ursodeoxycholic acid differentially regulate human δ -defensin-1 and -2 secretion by colonic epithelial cells. <i>FASEB Journal</i> , 2017 , 31, 3848-3857	0.9	15
26	Lack of IL-2 in PPAR- δ deficient mice triggers allergic contact dermatitis by affecting regulatory T cells. <i>European Journal of Immunology</i> , 2011 , 41, 1980-91	6.1	15
25	TGR5 Regulates Macrophage Inflammation in Nonalcoholic Steatohepatitis by Modulating NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2020 , 11, 609060	8.4	15
24	Ovary-specific depletion of the nuclear receptor Nr5a2 compromises expansion of the cumulus oophorus but not fertilization by intracytoplasmic sperm injection. <i>Biology of Reproduction</i> , 2017 , 96, 1231-1243	3.9	12
23	Targeting the TGR5-GLP-1 pathway to combat type 2 diabetes and non-alcoholic fatty liver disease. <i>Gastroenterologie Clinique Et Biologique</i> , 2010 , 34, 270-3		12
22	The transcriptional coactivator CBP/p300 is an evolutionarily conserved node that promotes longevity in response to mitochondrial stress. <i>Nature Aging</i> , 2021 , 1, 165-178		12
21	NTCP deficiency in mice protects against obesity and hepatosteatosis. <i>JCI Insight</i> , 2019 , 5,	9.9	11
20	Downregulation of TGR5 (GPBAR1) in biliary epithelial cells contributes to the pathogenesis of sclerosing cholangitis. <i>Journal of Hepatology</i> , 2021 , 75, 634-646	13.4	11
19	Identifying gene function and module connections by the integration of multispecies expression compendia. <i>Genome Research</i> , 2019 , 29, 2034-2045	9.7	10
18	A new class of protein biomarkers based on subcellular distribution: application to a mouse liver cancer model. <i>Scientific Reports</i> , 2019 , 9, 6913	4.9	9
17	The orphan nuclear receptor LRH-1/NR5a2 critically regulates T cell functions. <i>Science Advances</i> , 2019 , 5, eaav9732	14.3	9
16	Compound 18 Improves Glucose Tolerance in a Hepatocyte TGR5-dependent Manner in Mice. <i>Nutrients</i> , 2020 , 12,	6.7	8

15	Transcriptional regulation of adipocyte formation by the liver receptor homologue 1 (Lrh1)-Small hetero-dimerization partner (Shp) network. <i>Molecular Metabolism</i> , 2013 , 2, 314-23	8.8	7
14	TGR5/Cathepsin E signaling regulates macrophage innate immune activation in liver ischemia and reperfusion injury. <i>American Journal of Transplantation</i> , 2021 , 21, 1453-1464	8.7	6
13	Emerging functions of the nuclear receptor LRH-1 in liver physiology and pathology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 166145	6.9	6
12	A Fos-Jun element in the first intron of an alpha 2u-globulin gene. <i>Molecular and Cellular Biochemistry</i> , 1993 , 125, 127-36	4.2	5
11	Maternal glucose homeostasis is impaired in mouse models of gestational cholestasis. <i>Scientific Reports</i> , 2020 , 10, 11523	4.9	5
10	Pancreatic Sirtuin 3 Deficiency Promotes Hepatic Steatosis by Enhancing 5-Hydroxytryptamine Synthesis in Mice With Diet-Induced Obesity. <i>Diabetes</i> , 2021 , 70, 119-131	0.9	4
9	Another Shp on the horizon for bile acids. <i>Cell Metabolism</i> , 2014 , 20, 203-5	24.6	3
8	New insights into apolipoprotein B and low density lipoprotein physiology; implications for atherosclerosis. <i>Acta Clinica Belgica</i> , 1991 , 46, 355-8	1.8	3
7	Dietary Fiber Is Essential to Maintain Intestinal Size, L-Cell Secretion, and Intestinal Integrity in Mice. <i>Frontiers in Endocrinology</i> , 2021 , 12, 640602	5.7	3
6	Megatrends in bile acid receptor research. <i>Hepatology Communications</i> , 2017 , 1, 831-835	6	2
5	Transcriptomic analysis across liver diseases reveals disease-modulating activation of constitutive androstane receptor in cholestasis. <i>JHEP Reports</i> , 2020 , 2, 100140	10.3	2
4	Muricholic Acids Promote Resistance to Hypercholesterolemia in Cholesterol-Fed Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
3	Nuclear receptors FXR and SHP regulate protein N-glycan modifications in the liver. <i>Science Advances</i> , 2021 , 7,	14.3	1
2	Identification of a Crosstalk among TGR5, GLIS2, and TP53 Signaling Pathways in the Control of Undifferentiated Germ Cell Homeostasis and Chemoresistance.. <i>Advanced Science</i> , 2022 , e2200626	13.6	0
1	TGR5, bile acids and the metabolic syndrome.. <i>FASEB Journal</i> , 2013 , 27, 453.1	0.9	