Kristina Schoonjans

List of Publications by Year
in descending order

162 papers	29,821 citations	5248 83 h-index	5806 161 g-index
163 all docs	163 docs citations	163 times ranked	27916 citing authors

#	Article	IF	Citations
1	Bile acids induce energy expenditure by promoting intracellular thyroid hormone activation. Nature, 2006, 439, 484-489.	13.7	1,818
2	Mechanism of Action of Fibrates on Lipid and Lipoprotein Metabolism. Circulation, 1998, 98, 2088-2093.	1.6	1,540
3	TGR5-Mediated Bile Acid Sensing Controls Glucose Homeostasis. Cell Metabolism, 2009, 10, 167-177.	7.2	1,465
4	Molecular Basis for Feedback Regulation of Bile Acid Synthesis by Nuclear Receptors. Molecular Cell, 2000, 6, 507-515.	4.5	1,321
5	Targeting bile-acid signalling for metabolic diseases. Nature Reviews Drug Discovery, 2008, 7, 678-693.	21.5	1,084
6	The Organization, Promoter Analysis, and Expression of the Human PPARÎ³ Gene. Journal of Biological Chemistry, 1997, 272, 18779-18789.	1.6	1,034
7	The NAD+ Precursor Nicotinamide Riboside Enhances Oxidative Metabolism and Protects against High-Fat Diet-Induced Obesity. Cell Metabolism, 2012, 15, 838-847.	7.2	957
8	The NAD+/Sirtuin Pathway Modulates Longevity through Activation of Mitochondrial UPR and FOXO Signaling. Cell, 2013, 154, 430-441.	13.5	951
9	NAD ⁺ repletion improves mitochondrial and stem cell function and enhances life span in mice. Science, 2016, 352, 1436-1443.	6.0	907
10	PARP-1 Inhibition Increases Mitochondrial Metabolism through SIRT1 Activation. Cell Metabolism, 2011, 13, 461-468.	7.2	673
11	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. Nature Medicine, 2015, 21, 159-165.	15.2	562
12	TGR5 Activation Inhibits Atherosclerosis by Reducing Macrophage Inflammation and Lipid Loading. Cell Metabolism, 2011, 14, 747-757.	7.2	469
13	Coordinate Regulation of the Expression of the Fatty Acid Transport Protein and Acyl-CoA Synthetase Genes by PPARÎ± and PPARÎ³ Activators. Journal of Biological Chemistry, 1997, 272, 28210-28217.	1.6	464
14	Peroxisome proliterator-activated receptors, orphans with ligands and functions. Current Opinion in Lipidology, 1997, 8, 159-166.	1.2	455
15	Attenuation of Colon Inflammation through Activators of the Retinoid X Receptor (Rxr)/Peroxisome Proliferatorâ€"Activated Receptor Î³ (PparÎ³) Heterodimer. Journal of Experimental Medicine, 2001, 193, 827-838.	4.2	416
16	Sirtuin Functions in Health and Disease. Molecular Endocrinology, 2007, 21, 1745-1755.	3.7	409
17	Regulation of Peroxisome Proliferator-Activated Receptor Î³ Expression by Adipocyte Differentiation and Determination Factor 1/Sterol Regulatory Element Binding Protein 1: Implications for Adipocyte Differentiation and Metabolism. Molecular and Cellular Biology, 1999, 19, 5495-5503.	1.1	395
18	Sirtuins: The â€˜<i>magnificent seven</i>â€™, function, metabolism and longevity. Annals of Medicine, 2007, 39, 335-345.	1.5	394

#	Article	IF	Citations
19	LRH-1: an orphan nuclear receptor involved in development, metabolism and steroidogenesis. Trends in Cell Biology, 2004, 14, 250-260.	3.6	388
20	Fibrates increase human apolipoprotein A-II expression through activation of the peroxisome proliferator-activated receptor.. Journal of Clinical Investigation, 1995, 96, 741-750.	3.9	350
21	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. Journal of Biological Chemistry, 1995, 270, 19269-19276.	1.6	344
22	The bile acid membrane receptor TGR5 as an emerging target in metabolism and inflammation. Journal of Hepatology, 2011, 54, 1263-1272.	1.8	328
23	De novo NAD+ synthesis enhances mitochondrial function and improves health. Nature, 2018, 563, 354-359.	13.7	302
24	The TGR5 receptor mediates bile acidâ€“induced itch and analgesia. Journal of Clinical Investigation, 2013, 123, 1513-1530.	3.9	301
25	Eliciting the mitochondrial unfolded protein response by nicotinamide adenine dinucleotide repletion reverses fatty liver disease in mice. Hepatology, 2016, 63, 1190-1204.	3.6	289
26	Farnesoid X receptor inhibits glucagon-like peptide-1 production by enteroendocrine L cells. Nature Communications, 2015, 6, 7629.	5.8	274
27	The Receptor TGR5 Mediates the Prokinetic Actions of Intestinal Bile Acids and Is Required for Normal Defecation in Mice. Gastroenterology, 2013, 144, 145-154.	0.6	265
28	Novel Potent and Selective Bile Acid Derivatives as TGR5 Agonists: Biological Screening, Structureâˆ'Activity Relationships, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2008, 51, 1831-1841.	2.9	259
29	Synergy between LRH-1 and Î²-Catenin Induces G1 Cyclin-Mediated Cell Proliferation. Molecular Cell, 2004, 15, 499-509.	4.5	257
30	Bile Acids Trigger GLP-1 Release Predominantly by Accessing Basolaterally Located G Proteinâ€“Coupled Bile Acid Receptors. Endocrinology, 2015, 156, 3961-3970.	1.4	253
31	Histone Methyl Transferases and Demethylases; CanÂThey Link Metabolism and Transcription?. Cell Metabolism, 2010, 12, 321-327.	7.2	231
32	NCoR1 Is a Conserved Physiological Modulator of Muscle Mass and Oxidative Function. Cell, 2011, 147, 827-839.	13.5	228
33	Lowering Bile Acid Pool Size with a Synthetic Farnesoid X Receptor (FXR) Agonist Induces Obesity and Diabetes through Reduced Energy Expenditure. Journal of Biological Chemistry, 2011, 286, 26913-26920.	1.6	221
34	Discovery of 6Î±-Ethyl-23(<i>S</i>)-methylcholic Acid (<i>S</i>-EMCA, INT-777) as a Potent and Selective Agonist for the TGR5 Receptor, a Novel Target for Diabesity. Journal of Medicinal Chemistry, 2009, 52, 7958-7961.	2.9	220
35	A SIRT7-Dependent Acetylation Switch of GABPÎ²1 Controls Mitochondrial Function. Cell Metabolism, 2014, 20, 856-869.	7.2	214
36	Systems Genetics of Metabolism: The Use of the BXD Murine Reference Panel for Multiscalar Integration of Traits. Cell, 2012, 150, 1287-1299.	13.5	212

#	Article	IF	Citations
37	Pharmacological Inhibition of Poly(ADP-Ribose) Polymerases Improves Fitness and Mitochondrial Function in Skeletal Muscle. Cell Metabolism, 2014, 19, 1034-1041.	7.2	211
38	Peroxisome Proliferator-Activated Receptor (PPAR)-Î²/Î´ Stimulates Differentiation and Lipid Accumulation in Keratinocytes. Journal of Investigative Dermatology, 2004, 122, 971-983.	0.3	206
39	Thiazolidinediones: an update. Lancet, The, 2000, 355, 1008-1010.	6.3	201
40	Dual farnesoid X receptor/TGR5 agonist INT-767 reduces liver injury in the <i>Mdr2</i> ^{âˆ’/âˆ’} (<i>Abcb4</i> ^{âˆ’/âˆ’}) mouse cholangiopathy model by promoting biliary HCOâ€‰3âˆ’ output. Hepatology, 2011, 54, 1303-1312.	3.6	193
41	Adipose Tissue Expression of the Lipid Droplet-Associating Proteins S3-12 and Perilipin Is Controlled by Peroxisome Proliferator-Activated Receptor-Â. Diabetes, 2004, 53, 1243-1252.	0.3	186
42	Molecular physiology of bile acid signaling in health, disease, and aging. Physiological Reviews, 2021, 101, 683-731.	13.1	184
43	Expression of peroxisome proliferator-activated receptor Î³ (PPARÎ³) in normal human pancreatic islet cells. Diabetologia, 2000, 43, 1165-1169.	2.9	183
44	The Small Heterodimer Partner Interacts with the Liver X Receptor Î± and Represses Its Transcriptional Activity. Molecular Endocrinology, 2002, 16, 2065-2076.	3.7	182
45	Liver receptor homolog 1 is essential for ovulation. Genes and Development, 2008, 22, 1871-1876.	2.7	182
46	The genetic ablation of SRC-3 protects against obesity and improves insulin sensitivity by reducing the acetylation of PGC-1Î±. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17187-17192.	3.3	180
47	Structureâˆ’Activity Relationship Study of Betulinic Acid, A Novel and Selective TGR5 Agonist, and Its Synthetic Derivatives: Potential Impact in Diabetes. Journal of Medicinal Chemistry, 2010, 53, 178-190.	2.9	180
48	TGR5 signalling promotes mitochondrial fission and beige remodelling of white adipose tissue. Nature Communications, 2018, 9, 245.	5.8	167
49	TGR5 reduces macrophage migration through mTOR-induced C/EBPÎ² differential translation. Journal of Clinical Investigation, 2014, 124, 5424-5436.	3.9	166
50	Bile Acids Signal via TGR5 to Activate Intestinal Stem Cells and Epithelial Regeneration. Gastroenterology, 2020, 159, 956-968.e8.	0.6	166
51	Topical Peroxisome Proliferator Activated Receptor-Î± Activators Reduce Inflammation in Irritant and Allergic Contact Dermatitis Models11The authors declared no conflict of interest.. Journal of Investigative Dermatology, 2002, 118, 94-101.	0.3	157
52	The receptor TGR5 protects the liver from bile acid overload during liver regeneration in mice. Hepatology, 2013, 58, 1451-1460.	3.6	154
53	Reversible acetylation of PGC-1: connecting energy sensors and effectors to guarantee metabolic flexibility. Oncogene, 2010, 29, 4617-4624.	2.6	151
54	TGR5 potentiates GLP-1 secretion in response to anionic exchange resins. Scientific Reports, 2012, 2, 430.	1.6	143

#	Article	IF	Citations
55	Nonlinear partial differential equations and applications: Progesterone receptor knockout mice have an improved glucose homeostasis secondary to Â-cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15644-15648.	3.3	142
56	Bile Acids and the Membrane Bile Acid Receptor TGR5â€"Connecting Nutrition and Metabolism. Thyroid, 2008, 18, 167-174.	2.4	139
57	Liver receptor homolog 1 contributes to intestinal tumor formation through effects on cell cycle and inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2058-2062.	3.3	138
58	Mitochondrial Matrix Calcium Is an Activating Signal for Hormone Secretion. Cell Metabolism, 2011, 13, 601-611.	7.2	137
59	LRH-1-mediated glucocorticoid synthesis in enterocytes protects against inflammatory bowel disease. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13098-13103.	3.3	136
60	Lipoprotein Lipase: Recent Contributions from Molecular Biology. Critical Reviews in Clinical Laboratory Sciences, 1992, 29, 243-268.	2.7	135
61	Compromised Intestinal Lipid Absorption in Mice with a Liver-Specific Deficiency of Liver Receptor Homolog 1. Molecular and Cellular Biology, 2007, 27, 8330-8339.	1.1	135
62	The Bile Acid Membrane Receptor TGR5: A Valuable Metabolic Target. Digestive Diseases, 2011, 29, 37-44.	0.8	135
63	Bile acids are important direct and indirect regulators of the secretion of appetite- and metabolism-regulating hormones from the gut and pancreas. Molecular Metabolism, 2018, 11, 84-95.	3.0	135
64	Liver receptor homolog 1 controls the expression of the scavenger receptor class B type I. EMBO Reports, 2002, 3, 1181-1187.	2.0	131
65	Transcriptional Regulation of Apolipoprotein A-I Gene Expression by the Nuclear Receptor RORÎ±. Journal of Biological Chemistry, 1997, 272, 22401-22404.	1.6	127
66	Vitamin D and energy homeostasisâ€"of mice and men. Nature Reviews Endocrinology, 2014, 10, 79-87.	4.3	121
67	The Sirt1 activator SRT3025 provides atheroprotection in Apoeâˆ'/âˆ' mice by reducing hepatic Pcsk9 secretion and enhancing Ldlr expression. European Heart Journal, 2015, 36, 51-59.	1.0	117
68	Inhibiting poly ADP-ribosylation increases fatty acid oxidation and protects against fatty liver disease. Journal of Hepatology, 2017, 66, 132-141.	1.8	115
69	TGR5 and Immunometabolism: Insights from Physiology and Pharmacology. Trends in Pharmacological Sciences, 2015, 36, 847-857.	4.0	114
70	Mechano-modulatory synthetic niches for liver organoid derivation. Nature Communications, 2020, 11, 3416.	5.8	112
71	The nuclear receptor LRH-1 critically regulates extra-adrenal glucocorticoid synthesis in the intestine. Journal of Experimental Medicine, 2006, 203, 2057-2062.	4.2	111
72	SIRT2 Deficiency Modulates Macrophage Polarization and Susceptibility to Experimental Colitis. PLoS ONE, 2014, 9, e103573.	1.1	111

#	Article	IF	Citations
73	Regulation of Triglyceride Metabolism by PPARs : Fibrates and Thiazolidinediones have Distinct Effects. Journal of Atherosclerosis and Thrombosis, 1996, 3, 81-89.	0.9	104
74	Transcriptional regulation by NR5A2 links differentiation and inflammation in the pancreas. Nature, 2018, 554, 533-537.	13.7	101
75	Acyl-CoA synthetase mRNA expression is controlled by fibric-acid derivatives, feeding and liver proliferation. FEBS Journal, 1993, 216, 615-622.	0.2	100
76	The RNA-Binding Protein PUM2 Impairs Mitochondrial Dynamics and Mitophagy During Aging. Molecular Cell, 2019, 73, 775-787.e10.	4.5	100
77	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. Journal of Medicinal Chemistry, 2007, 50, 4265-4268.	2.9	97
78	PPARÂ/RXRÂ Heterodimers Control Human Trophoblast Invasion. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5017-5024.	1.8	97
79	Adipose tissue-specific inactivation of the retinoblastoma protein protects against diabesity because of increased energy expenditure. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10703-10708.	3.3	95
80	LRH-1â€"dependent glucose sensing determines intermediary metabolism in liver. Journal of Clinical Investigation, 2012, 122, 2817-2826.	3.9	94
81	Farnesol Stimulates Differentiation in Epidermal Keratinocytes via PPARÎ±. Journal of Biological Chemistry, 2000, 275, 11484-11491.	1.6	93
82	Bile Acid Binding Resin Improves Metabolic Control through the Induction of Energy Expenditure. PLoS ONE, 2012, 7, e38286.	1.1	93
83	Liver receptor homolog-1 is essential for pregnancy. Nature Medicine, 2013, 19, 1061-1066.	15.2	92
84	<i>Nr5a2</i>heterozygosity sensitises to, and cooperates with, inflammation in<i>KRas^{G12V}-</i>driven pancreatic tumourigenesis. Gut, 2014, 63, 647-655.	6.1	87
85	Pancreatic-Duodenal Homeobox 1 Regulates Expression of Liver Receptor Homolog 1 during Pancreas Development. Molecular and Cellular Biology, 2003, 23, 6713-6724.	1.1	86
86	Raised hepatic bile acid concentrations during pregnancy in mice are associated with reduced farnesoid X receptor function. Hepatology, 2010, 52, 1341-1349.	3.6	85
87	The small heterodimer partner is a gonadal gatekeeper of sexual maturation in male mice. Genes and Development, 2007, 21, 303-315.	2.7	81
88	3-Hydroxy-3-methylglutaryl CoA reductase inhibitors reduce serum triglyceride levels through modulation of apolipoprotein C-III and lipoprotein lipase. FEBS Letters, 1999, 452, 160-164.	1.3	80
89	The Intestinal Nuclear Receptor Signature With Epithelial Localization Patterns and Expression Modulation in Tumors. Gastroenterology, 2010, 138, 636-648.e12.	0.6	80
90	Hypothalamic bile acid-TGR5 signaling protects from obesity. Cell Metabolism, 2021, 33, 1483-1492.e10.	7.2	79

#	Article	IF	Citations
91	Hepatic glucose sensing and integrative pathways in the liver. Cellular and Molecular Life Sciences, 2014, 71, 1453-1467.	2.4	78
92	Emerging actions of the nuclear receptor LRH-1 in the gut. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 947-955.	1.8	77
93	SUMOylation-Dependent LRH-1/PROX1 Interaction Promotes Atherosclerosis by Decreasing Hepatic Reverse Cholesterol Transport. Cell Metabolism, 2014, 20, 603-613.	7.2	73
94	The effects of fibrates and thiazolidinediones on plasma triglyceride metabolism are mediated by distinct peroxisome proliferator activated receptors (PPARs). Biochimie, 1997, 79, 95-99.	1.3	71
95	Induction of LPL gene expression by sterols is mediated by a sterol regulatory element and is independent of the presence of multiple E boxes. Journal of Molecular Biology, 2000, 304, 323-334.	2.0	69
96	Central anorexigenic actions of bile acids are mediated by TGR5. Nature Metabolism, 2021, 3, 595-603.	5.1	64
97	Molecular basis for the regulation of the nuclear receptor LRH-1. Current Opinion in Cell Biology, 2015, 33, 26-34.	2.6	58
98	Metabolic Messengers: bile acids. Nature Metabolism, 2022, 4, 416-423.	5.1	58
99	Retinoids Increase Human Apolipoprotein A-II Expression through Activation of the Retinoid X Receptor but Not the Retinoic Acid Receptor. Molecular and Cellular Biology, 1996, 16, 3350-3360.	1.1	57
100	Local glucocorticoid production in the mouse lung is induced by immune cell stimulation. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 227-234.	2.7	56
101	LRH-1-dependent programming of mitochondrial glutamine processing drives liver cancer. Genes and Development, 2016, 30, 1255-1260.	2.7	56
102	L-Cell Differentiation Is Induced by Bile Acids Through GPBAR1 and Paracrine GLP-1 and Serotonin Signaling. Diabetes, 2020, 69, 614-623.	0.3	54
103	The Role of PPARâ€î³/RXRâ€î± Heterodimers in the Regulation of Human Trophoblast Invasion. Annals of the New York Academy of Sciences, 2002, 973, 26-30.	1.8	53
104	Liver Receptor Homolog 1 Controls the Expression of Carboxyl Ester Lipase. Journal of Biological Chemistry, 2003, 278, 35725-35731.	1.6	52
105	Downregulation of TGR5 (GPBAR1) in biliary epithelial cells contributes to the pathogenesis of sclerosing cholangitis. Journal of Hepatology, 2021, 75, 634-646.	1.8	51
106	The orphan nuclear receptor small heterodimer partner mediates male infertility induced by diethylstilbestrol in mice. Journal of Clinical Investigation, 2009, 119, 3752-3764.	3.9	51
107	LRH-1 agonism favours an immune-islet dialogue which protects against diabetes mellitus. Nature Communications, 2018, 9, 1488.	5.8	50
108	Impaired SUMOylation of nuclear receptor LRH-1 promotes nonalcoholic fatty liver disease. Journal of Clinical Investigation, 2017, 127, 583-592.	3.9	50

#	Article	IF	Citations
109	Structure-Based Design of a Superagonist Ligand for the Vitamin D Nuclear Receptor. Chemistry and Biology, 2008, 15, 383-392.	6.2	49
110	Mitochondrial matrix pH controls oxidative phosphorylation and metabolismâ€secretion coupling in INSâ€1E clonal Î² cells. FASEB Journal, 2010, 24, 4613-4626.	0.2	49
111	The transcriptional coactivator CBP/p300 is an evolutionarily conserved node that promotes longevity in response to mitochondrial stress. Nature Aging, 2021, 1, 165-178.	5.3	49
112	Bile acids alter male fertility through G-protein-coupled bile acid receptor 1 signaling pathways in mice. Hepatology, 2014, 60, 1054-1065.	3.6	47
113	TGR5 Regulates Macrophage Inflammation in Nonalcoholic Steatohepatitis by Modulating NLRP3 Inflammasome Activation. Frontiers in Immunology, 2020, 11, 609060.	2.2	47
114	An Integrated Systems Genetics and Omics Toolkit to Probe Gene Function. Cell Systems, 2018, 6, 90-102.e4.	2.9	47
115	Phosphorylation of the nuclear receptor corepressor 1 by protein kinase B switches its corepressor targets in the liver in mice. Hepatology, 2015, 62, 1606-1618.	3.6	46
116	LRH-1 mediates anti-inflammatory and antifungal phenotype of IL-13-activated macrophages through the PPARÎ³ ligand synthesis. Nature Communications, 2015, 6, 6801.	5.8	46
117	Role of Peroxisome Proliferator-Activated Receptor Î± in Epidermal Development in Utero. Journal of Investigative Dermatology, 2002, 119, 1298-1303.	0.3	45
118	Lipopolysaccharide induces intestinal glucocorticoid synthesis in a TNFÎ±â€dependent manner. FASEB Journal, 2010, 24, 1340-1346.	0.2	42
119	Bile acids drive colonic secretion of glucagon-like-peptide 1 and peptide-YY in rodents. American Journal of Physiology - Renal Physiology, 2019, 316, G574-G584.	1.6	42
120	Loss of Sirt1 Function Improves Intestinal Anti-Bacterial Defense and Protects from Colitis-Induced Colorectal Cancer. PLoS ONE, 2014, 9, e102495.	1.1	41
121	Plasma membraneâ€bound G proteinâ€"coupled bile acid receptor attenuates liver ischemia/reperfusion injury via the inhibition of tollâ€like receptor 4 signaling in mice. Liver Transplantation, 2017, 23, 63-74.	1.3	41
122	Î²-Klotho deficiency protects against obesity through a crosstalk between liver, microbiota, and brown adipose tissue. JCI Insight, 2017, 2, .	2.3	41
123	Peroxisome Proliferator-Activated Receptor-Î± Activation Inhibits Langerhans Cell Function. Journal of Immunology, 2007, 178, 4362-4372.	0.4	39
124	Probing the Binding Site of Bile Acids in TGR5. ACS Medicinal Chemistry Letters, 2013, 4, 1158-1162.	1.3	36
125	Identifying gene function and module connections by the integration of multispecies expression compendia. Genome Research, 2019, 29, 2034-2045.	2.4	36
126	6Î±-hydroxylated bile acids mediate TGR5 signalling to improve glucose metabolism upon dietary fiber supplementation in mice. Gut, 2023, 72, 314-324.	6.1	36

#	Article	IF	Citations
127	Cell cycleâ€dependent regulation of extraâ€adrenal glucocorticoid synthesis in murine intestinal epithelial cells. FASEB Journal, 2008, 22, 4117-4125.	0.2	35
128	The G Protein-Coupled Bile Acid Receptor TGR5 (Gpbar1) Modulates Endothelin-1 Signaling in Liver. Cells, 2019, 8, 1467.	1.8	35
129	Small heterodimer partner deletion prevents hepatic steatosis and when combined with farnesoid X receptor loss protects against type 2 diabetes in mice. Hepatology, 2017, 66, 1854-1865.	3.6	34
130	The Orphan Nuclear Receptor Liver Homolog Receptor-1 (Nr5a2) Regulates Ovarian Granulosa Cell Proliferation. Journal of the Endocrine Society, 2018, 2, 24-41.	0.1	32
131	Cholesterol supply and SREBPs modulate transcription of the Niemann-Pick C-1 gene in steroidogenic tissues. Journal of Lipid Research, 2008, 49, 1024-1033.	2.0	31
132	Redefining the TGR5 Triterpenoid Binding Pocket at the Câ€3 Position. ChemMedChem, 2010, 5, 1983-1988.	1.6	24
133	TGR5/Cathepsin E signaling regulates macrophage innate immune activation in liver ischemia and reperfusion injury. American Journal of Transplantation, 2021, 21, 1453-1464.	2.6	24
134	Emerging functions of the nuclear receptor LRH-1 in liver physiology and pathology. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166145.	1.8	24
135	Molecular Field Analysis and 3D-Quantitative Structureâ^'Activity Relationship Study (MFA 3D-QSAR) Unveil Novel Features of Bile Acid Recognition at TGR5. Journal of Chemical Information and Modeling, 2008, 48, 1792-1801.	2.5	23
136	Bile acid-FXRÎ± pathways regulate male sexual maturation in mice. Oncotarget, 2016, 7, 19468-19482.	0.8	23
137	Xol INXS: role of the liver X and the farnesol X receptors. Current Opinion in Lipidology, 2001, 12, 113-120.	1.2	22
138	NR5A2 Regulates Lhb and Fshb Transcription in Gonadotrope-Like Cells In Vitro, but Is Dispensable for Gonadotropin Synthesis and Fertility In Vivo. PLoS ONE, 2013, 8, e59058.	1.1	22
139	Developmental extinction of liver lipoprotein lipase mRNA expression might be regulated by an NF-1-like site. FEBS Letters, 1993, 329, 89-95.	1.3	21
140	Bile acids deoxycholic acid and ursodeoxycholic acid differentially regulate human Î²â€defensinâ€1 and â€2 secretion by colonic epithelial cells. FASEB Journal, 2017, 31, 3848-3857.	0.2	21
141	NTCP deficiency in mice protects against obesity and hepatosteatosis. JCI Insight, 2019, 4, .	2.3	21
142	Lack of ILâ€2 in PPARâ€Î±â€deficient mice triggers allergic contact dermatitis by affecting regulatory T cells. European Journal of Immunology, 2011, 41, 1980-1991.	1.6	20
143	The orphan nuclear receptor LRH-1/NR5a2 critically regulates T cell functions. Science Advances, 2019, 5, eaav9732.	4.7	20
144	Ovary-specific depletion of the nuclear receptor Nr5a2 compromises expansion of the cumulus oophorus but not fertilization by intracytoplasmic sperm injectionâ€. Biology of Reproduction, 2017, 96, 1231-1243.	1.2	18

#	Article	IF	Citations
145	Targeting the TGR5-GLP-1 pathway to combat typeÂ2 diabetes and non-alcoholic fatty liver disease. Gastroenterologie Clinique Et Biologique, 2010, 34, 270-273.	0.9	17
146	A sharper image of SHP. Nature Medicine, 2002, 8, 789-791.	15.2	16
147	A new class of protein biomarkers based on subcellular distribution: application to a mouse liver cancer model. Scientific Reports, 2019, 9, 6913.	1.6	12
148	Compound 18 Improves Glucose Tolerance in a Hepatocyte TGR5-dependent Manner in Mice. Nutrients, 2020, 12, 2124.	1.7	12
149	Maternal glucose homeostasis is impaired in mouse models of gestational cholestasis. Scientific Reports, 2020, 10, 11523.	1.6	11
150	Transcriptional regulation of adipocyte formation by the liver receptor homologue 1 (Lrh1)â€"Small hetero-dimerization partner (Shp) network. Molecular Metabolism, 2013, 2, 314-323.	3.0	10
151	Pancreatic Sirtuin 3 Deficiency Promotes Hepatic Steatosis by Enhancing 5-Hydroxytryptamine Synthesis in Mice With Diet-Induced Obesity. Diabetes, 2021, 70, 119-131.	0.3	10
152	Dietary Fiber Is Essential to Maintain Intestinal Size, L-Cell Secretion, and Intestinal Integrity in Mice. Frontiers in Endocrinology, 2021, 12, 640602.	1.5	9
153	A Fos-Jun element in the first intron of an Î±2u-globulin gene. Molecular and Cellular Biochemistry, 1993, 125, 127-136.	1.4	6
154	Transcriptomic analysis across liver diseases reveals disease-modulating activation of constitutive androstane receptor in cholestasis. JHEP Reports, 2020, 2, 100140.	2.6	6
155	Nuclear receptors FXR and SHP regulate protein N-glycan modifications in the liver. Science Advances, 2021, 7, .	4.7	6
156	Muricholic Acids Promote Resistance to Hypercholesterolemia in Cholesterol-Fed Mice. International Journal of Molecular Sciences, 2021, 22, 7163.	1.8	6
157	Identification of a Crosstalk among TGR5, GLIS2, and TP53 Signaling Pathways in the Control of Undifferentiated Germ Cell Homeostasis and Chemoresistance. Advanced Science, 2022, 9, e2200626.	5.6	6
158	New Insights into Apolipoprotein B and Low Density Lipoprotein Physiology; Implications for Atherosclerosis. Acta Clinica Belgica, 1991, 46, 355-358.	0.5	3
159	Another Shp on the Horizon for Bile Acids. Cell Metabolism, 2014, 20, 203-205.	7.2	3
160	Megatrends in bile acid receptor research. Hepatology Communications, 2017, 1, 831-835.	2.0	2
161	RÃ©gulation transcriptionnelle du mÃ©tabolisme du cholestÃ©rol.. Medecine/Sciences, 1999, 15, 56.	0.0	2
162	TGR5, bile acids and the metabolic syndrome.. FASEB Journal, 2013, 27, 453.1.	0.2	0