David J Mangelsdorf

List of Publications by Citations

192 papers	57,163 citations	103 h-index	221 g-index
221 ext. papers	61,230 ext. citations	17.3 avg, IF	7.4 L-index

#	Paper	IF	Citations
192	The nuclear receptor superfamily: the second decade. *Cell*, **1995**, 83, 835-9	56.2	5950
191	The RXR heterodimers and orphan receptors. *Cell*, **1995**, 83, 841-50	56.2	2789
190	Identification of a nuclear receptor for bile acids. *Science*, **1999**, 284, 1362-5	33.3	2083
189	Nuclear receptors and lipid physiology: opening the X-files. *Science*, **2001**, 294, 1866-70	33.3	1676
188	9-cis retinoic acid is a high affinity ligand for the retinoid X receptor. *Cell*, **1992**, 68, 397-406	56.2	1534
187	An oxysterol signalling pathway mediated by the nuclear receptor LXR alpha. *Nature*, **1996**, 383, 728-31	50.4	1462
186	Nuclear receptor that identifies a novel retinoic acid response pathway. *Nature*, **1990**, 345, 224-9	50.4	1346
185	Retinoid X receptor interacts with nuclear receptors in retinoic acid, thyroid hormone and vitamin D3 signalling. *Nature*, **1992**, 355, 446-9	50.4	1305
184	Regulation of mouse sterol regulatory element-binding protein-1c gene (SREBP-1c) by oxysterol receptors, LXRalpha and LXRbeta. *Genes and Development*, **2000**, 14, 2819-30	12.6	1294
183	Role of LXRs in control of lipogenesis. *Genes and Development*, **2000**, 14, 2831-8	12.6	1275
182	Fibroblast growth factor 15 functions as an enterohepatic signal to regulate bile acid homeostasis. *Cell Metabolism*, **2005**, 2, 217-25	24.6	1270
181	Cholesterol and bile acid metabolism are impaired in mice lacking the nuclear oxysterol receptor LXR alpha. *Cell*, **1998**, 93, 693-704	56.2	1213
180	Molecular basis for feedback regulation of bile acid synthesis by nuclear receptors. *Molecular Cell*, **2000**, 6, 507-15	17.6	1195
179	Endocrine regulation of the fasting response by PPARalpha-mediated induction of fibroblast growth factor 21. *Cell Metabolism*, **2007**, 5, 415-25	24.6	1103
178	Reciprocal regulation of inflammation and lipid metabolism by liver X receptors. *Nature Medicine*, **2003**, 9, 213-9	50.5	969
177	Vitamin D receptor as an intestinal bile acid sensor. *Science*, **2002**, 296, 1313-6	33.3	899
176	Bile acids lower triglyceride levels via a pathway involving FXR, SHP, and SREBP-1c. *Journal of Clinical Investigation*, **2004**, 113, 1408-18	15.9	873

175	Anatomical profiling of nuclear receptor expression reveals a hierarchical transcriptional network. *Cell*, **2006**, 126, 789-99	56.2	783
174	Nuclear receptor expression links the circadian clock to metabolism. *Cell*, **2006**, 126, 801-10	56.2	763
173	Regulation of antibacterial defense in the small intestine by the nuclear bile acid receptor. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 3920-5	11.5	759
172	Nuclear Receptors, RXR, and the Big Bang. *Cell*, **2014**, 157, 255-66	56.2	709
171	Regulation of ATP-binding cassette sterol transporters ABCG5 and ABCG8 by the liver X receptors alpha and beta. *Journal of Biological Chemistry*, **2002**, 277, 18793-800	5.4	628
170	A direct repeat in the cellular retinol-binding protein type II gene confers differential regulation by RXR and RAR. *Cell*, **1991**, 66, 555-61	56.2	611
169	The role of orphan nuclear receptors in the regulation of cholesterol homeostasis. *Annual Review of Cell and Developmental Biology*, **2000**, 16, 459-81	12.6	595
168	Human bile salt export pump promoter is transactivated by the farnesoid X receptor/bile acid receptor. *Journal of Biological Chemistry*, **2001**, 276, 28857-65	5.4	586
167	Genetic evidence that the human CYP2R1 enzyme is a key vitamin D 25-hydroxylase. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 7711-5	11.5	542
166	Liver X receptor signaling pathways in cardiovascular disease. *Molecular Endocrinology*, **2003**, 17, 985-93		530
165	FGF21 induces PGC-1alpha and regulates carbohydrate and fatty acid metabolism during the adaptive starvation response. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 10853-8	11.5	503
164	Jun-Fos and receptors for vitamins A and D recognize a common response element in the human osteocalcin gene. *Cell*, **1990**, 61, 497-504	56.2	496
163	Research resource: Comprehensive expression atlas of the fibroblast growth factor system in adult mouse. *Molecular Endocrinology*, **2010**, 24, 2050-64		470
162	LXRS and FXR: the yin and yang of cholesterol and fat metabolism. *Annual Review of Physiology*, **2006**, 68, 159-91	23.1	461
161	A natural product that lowers cholesterol as an antagonist ligand for FXR. *Science*, **2002**, 296, 1703-6	33.3	422
160	FGF19 as a postprandial, insulin-independent activator of hepatic protein and glycogen synthesis. *Science*, **2011**, 331, 1621-4	33.3	421
159	Fibroblast growth factor-21 regulates PPAR□activity and the antidiabetic actions of thiazolidinediones. *Cell*, **2012**, 148, 556-67	56.2	419
158	International Union of Pharmacology. LXIII. Retinoid X receptors. *Pharmacological Reviews*, **2006**, 58, 760-72	22.5	408

157	Activation of liver X receptor improves glucose tolerance through coordinate regulation of glucose metabolism in liver and adipose tissue. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 5419-24	11.5	406
156	Identification of ligands for DAF-12 that govern dauer formation and reproduction in C. elegans. *Cell*, **2006**, 124, 1209-23	56.2	374
155	Identification of macrophage liver X receptors as inhibitors of atherosclerosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 11896-901	11.5	371
154	Circulating FGF21 is liver derived and enhances glucose uptake during refeeding and overfeeding. *Diabetes*, **2014**, 63, 4057-63	0.9	349
153	The orphan nuclear receptor, shp, mediates bile acid-induced inhibition of the rat bile acid transporter, ntcp. *Gastroenterology*, **2001**, 121, 140-7	13.3	341
152	International Union of Pharmacology. LX. Retinoic acid receptors. *Pharmacological Reviews*, **2006**, 58, 712-25	22.5	340
151	FGF21 regulates metabolism and circadian behavior by acting on the nervous system. *Nature Medicine*, **2013**, 19, 1147-52	50.5	333
150	The liver X receptor gene team: potential new players in atherosclerosis. *Nature Medicine*, **2002**, 8, 1243-8	30.5	332
149	Human white/murine ABC8 mRNA levels are highly induced in lipid-loaded macrophages. A transcriptional role for specific oxysterols. *Journal of Biological Chemistry*, **2000**, 275, 14700-7	5.4	321
148	Retinoid x receptor heterodimers in the metabolic syndrome. *New England Journal of Medicine*, **2005**, 353, 604-15	59.2	318
147	Endocrine fibroblast growth factors 15/19 and 21: from feast to famine. *Genes and Development*, **2012**, 26, 312-24	12.6	317
146	Inhibition of growth hormone signaling by the fasting-induced hormone FGF21. *Cell Metabolism*, **2008**, 8, 77-83	24.6	316
145	Quantitative real-time PCR protocol for analysis of nuclear receptor signaling pathways. *Nuclear Receptor Signaling*, **2003**, 1, e012	1	312
144	The LXRs: a new class of oxysterol receptors. *Current Opinion in Genetics and Development*, **1998**, 8, 571-5	4.9	311
143	FGF21 acts centrally to induce sympathetic nerve activity, energy expenditure, and weight loss. *Cell Metabolism*, **2014**, 20, 670-7	24.6	305
142	Fibroblast growth factor 21 promotes bone loss by potentiating the effects of peroxisome proliferator-activated receptor *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 3143-8	11.5	291
141	27-Hydroxycholesterol is an endogenous SERM that inhibits the cardiovascular effects of estrogen. *Nature Medicine*, **2007**, 13, 1185-92	50.5	291
140	Klotho is required for fibroblast growth factor 21 effects on growth and metabolism. *Cell Metabolism*, **2012**, 16, 387-93	24.6	285

139	De-orphanization of cytochrome P450 2R1: a microsomal vitamin D 25-hydroxilase. *Journal of Biological Chemistry*, **2003**, 278, 38084-93	5.4	277
138	Orphan nuclear receptors as eLiXiRs and FiXeRs of sterol metabolism. *Journal of Biological Chemistry*, **2001**, 276, 37735-8	5.4	276
137	Structural determinants of allosteric ligand activation in RXR heterodimers. *Cell*, **2004**, 116, 417-29	56.2	266
136	The starvation hormone, fibroblast growth factor-21, extends lifespan in mice. *ELife*, **2012**, 1, e00065	8.9	265
135	FGF15/19 regulates hepatic glucose metabolism by inhibiting the CREB-PGC-1 pathway. *Cell Metabolism*, **2011**, 13, 729-38	24.6	263
134	Liver X receptor-dependent repression of matrix metalloproteinase-9 expression in macrophages. *Journal of Biological Chemistry*, **2003**, 278, 10443-9	5.4	255
133	Prevention of cholesterol gallstone disease by FXR agonists in a mouse model. *Nature Medicine*, **2004**, 10, 1352-8	50.5	249
132	Enzymatic reduction of oxysterols impairs LXR signaling in cultured cells and the livers of mice. *Cell Metabolism*, **2007**, 5, 73-9	24.6	245
131	LXRs regulate the balance between fat storage and oxidation. *Cell Metabolism*, **2005**, 1, 231-44	24.6	240
130	High-throughput real-time quantitative reverse transcription PCR. *Current Protocols in Molecular Biology*, **2006**, Chapter 15, Unit 15.8	2.9	232
129	Identification of a hormonal basis for gallbladder filling. *Nature Medicine*, **2006**, 12, 1253-5	50.5	231
128	A role for the apoptosis inhibitory factor AIM/Spalpha/Api6 in atherosclerosis development. *Cell Metabolism*, **2005**, 1, 201-13	24.6	224
127	Bile Acids as Hormones: The FXR-FGF15/19 Pathway. *Digestive Diseases*, **2015**, 33, 327-31	3.2	219
126	MicroRNA let-7 regulates 3T3-L1 adipogenesis. *Molecular Endocrinology*, **2009**, 23, 925-31		216
125	Regulation of lipoprotein lipase by the oxysterol receptors, LXRalpha and LXRbeta. *Journal of Biological Chemistry*, **2001**, 276, 43018-24	5.4	212
124	Hepatocyte-specific mutation establishes retinoid X receptor alpha as a heterodimeric integrator of multiple physiological processes in the liver. *Molecular and Cellular Biology*, **2000**, 20, 4436-44	4.8	212
123	The Drosophila orphan nuclear receptor DHR38 mediates an atypical ecdysteroid signaling pathway. *Cell*, **2003**, 113, 731-42	56.2	203
122	27-hydroxycholesterol is an endogenous selective estrogen receptor modulator. *Molecular Endocrinology*, **2008**, 22, 65-77		201

121	Tissue-specific actions of the metabolic hormones FGF15/19 and FGF21. *Trends in Endocrinology and Metabolism*, **2015**, 26, 22-9	8.8	194
120	Sterol intermediates from cholesterol biosynthetic pathway as liver X receptor ligands. *Journal of Biological Chemistry*, **2006**, 281, 27816-26	5.4	192
119	A Nuclear Receptor Atlas: 3T3-L1 adipogenesis. *Molecular Endocrinology*, **2005**, 19, 2437-50		191
118	A bile acid-like steroid modulates Caenorhabditis elegans lifespan through nuclear receptor signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 5014-9	11.5	190
117	A Nuclear Receptor Atlas: macrophage activation. *Molecular Endocrinology*, **2005**, 19, 2466-77		190
116	FGF21 Regulates Sweet and Alcohol Preference. *Cell Metabolism*, **2016**, 23, 344-9	24.6	189
115	Regulated expression of the apolipoprotein E/C-I/C-IV/C-II gene cluster in murine and human macrophages. A critical role for nuclear liver X receptors alpha and beta. *Journal of Biological Chemistry*, **2002**, 277, 31900-8	5.4	182
114	Liver X receptor activators display anti-inflammatory activity in irritant and allergic contact dermatitis models: liver-X-receptor-specific inhibition of inflammation and primary cytokine production. *Journal of Investigative Dermatology*, **2003**, 120, 246-55	4.3	181
113	The G protein-coupled bile acid receptor, TGR5, stimulates gallbladder filling. *Molecular Endocrinology*, **2011**, 25, 1066-71		179
112	International Union of Pharmacology. LXII. The NR1H and NR1I receptors: constitutive androstane receptor, pregnene X receptor, farnesoid X receptor alpha, farnesoid X receptor beta, liver X receptor alpha, liver X receptor beta, and vitamin D receptor. *Pharmacological Reviews*, **2006**, 58, 742-59	22.5	170
111	Fibroblast growth factor 21: from pharmacology to physiology. *American Journal of Clinical Nutrition*, **2010**, 91, 254S-257S	7	169
110	Identification of bile acid precursors as endogenous ligands for the nuclear xenobiotic pregnane X receptor. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 223-8	11.5	169
109	Expression of ABCG5 and ABCG8 is required for regulation of biliary cholesterol secretion. *Journal of Biological Chemistry*, **2005**, 280, 8742-7	5.4	162
108	Hormonal control of C. elegans dauer formation and life span by a Rieske-like oxygenase. *Developmental Cell*, **2006**, 10, 473-82	10.2	160
107	FGF21 contributes to neuroendocrine control of female reproduction. *Nature Medicine*, **2013**, 19, 1153-6	50.5	155
106	Nuclear receptor regulation of cholesterol and bile acid metabolism. *Current Opinion in Biotechnology*, **1999**, 10, 557-63	11.4	152
105	KLB is associated with alcohol drinking, and its gene product Klotho is necessary for FGF21 regulation of alcohol preference. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14372-14377	11.5	150
104	Regulation of bile acid synthesis by fat-soluble vitamins A and D. *Journal of Biological Chemistry*, **2010**, 285, 14486-94	5.4	150

103	Interleukin-1beta suppresses retinoid transactivation of two hepatic transporter genes involved in bile formation. *Journal of Biological Chemistry*, **2000**, 275, 8835-43	5.4	145
102	A synthetic triterpenoid, 2-cyano-3,12-dioxooleana-1,9-dien-28-oic acid (CDDO), is a ligand for the peroxisome proliferator-activated receptor gamma. *Molecular Endocrinology*, **2000**, 14, 1550-6		143
101	Liver LXR expression is crucial for whole body cholesterol homeostasis and reverse cholesterol transport in mice. *Journal of Clinical Investigation*, **2012**, 122, 1688-99	15.9	138
100	The phospholipid transfer protein gene is a liver X receptor target expressed by macrophages in atherosclerotic lesions. *Molecular and Cellular Biology*, **2003**, 23, 2182-91	4.8	134
99	Human organic anion transporting polypeptide 8 promoter is transactivated by the farnesoid X receptor/bile acid receptor. *Gastroenterology*, **2002**, 122, 1954-66	13.3	132
98	FGF19, FGF21, and an FGFR1/Klotho-Activating Antibody Act on the Nervous System to Regulate Body Weight and Glycemia. *Cell Metabolism*, **2017**, 26, 709-718.e3	24.6	131
97	Prospects for prevention and treatment of cancer with selective PPARgamma modulators (SPARMs). *Trends in Molecular Medicine*, **2001**, 7, 395-400	11.5	126
96	Liver X receptors regulate adrenal cholesterol balance. *Journal of Clinical Investigation*, **2006**, 116, 1902-12	15.9	126
95	Nuclear hormone receptor regulation of microRNAs controls developmental progression. *Science*, **2009**, 324, 95-8	33.3	125
94	Expression of LRH-1 and SF-1 in the mouse ovary: localization in different cell types correlates with differing function. *Molecular and Cellular Endocrinology*, **2003**, 207, 39-45	4.4	125
93	Cardiac peroxisome proliferator-activated receptor gamma is essential in protecting cardiomyocytes from oxidative damage. *Cardiovascular Research*, **2007**, 76, 269-79	9.9	123
92	Liver receptor homolog-1 regulates bile acid homeostasis but is not essential for feedback regulation of bile acid synthesis. *Molecular Endocrinology*, **2008**, 22, 1345-56		118
91	The role of liver X receptor-alpha in the fatty acid regulation of hepatic gene expression. *Journal of Biological Chemistry*, **2003**, 278, 40736-43	5.4	118
90	Colesevelam suppresses hepatic glycogenolysis by TGR5-mediated induction of GLP-1 action in DIO mice. *American Journal of Physiology - Renal Physiology*, **2013**, 304, G371-80	5.1	109
89	Identification of the nuclear receptor DAF-12 as a therapeutic target in parasitic nematodes. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 9138-43	11.5	99
88	Vitamin A receptors. *Nutrition Reviews*, **1994**, 52, S32-44	6.4	99
87	Activation of LXRs prevents bile acid toxicity and cholestasis in female mice. *Hepatology*, **2007**, 45, 422-32	11.2	99
86	Pregnane X receptor is a target of farnesoid X receptor. *Journal of Biological Chemistry*, **2006**, 281, 19081-91	5.4	98

85	A Dozen Years of Discovery: Insights into the Physiology and Pharmacology of FGF21. *Cell Metabolism*, **2019**, 29, 246-253	24.6	96
84	Minireview: Evolution of NURSA, the Nuclear Receptor Signaling Atlas. *Molecular Endocrinology*, **2009**, 23, 740-6		94
83	Nuclear receptors HNF4 and LRH-1 cooperate in regulating Cyp7a1 in vivo. *Journal of Biological Chemistry*, **2012**, 287, 41334-41	5.4	91
82	Retinoid receptors. *Endocrine Reviews*, **1993**, 48, 99-121		89
81	A functional retinoic acid receptor encoded by the gene on human chromosome 12. *Molecular Endocrinology*, **1990**, 4, 837-44		87
80	FXR agonists and FGF15 reduce fecal bile acid excretion in a mouse model of bile acid malabsorption. *Journal of Lipid Research*, **2007**, 48, 2693-700	6.3	86
79	Oxysterols induce differentiation in human keratinocytes and increase Ap-1-dependent involucrin transcription. *Journal of Investigative Dermatology*, **2000**, 114, 545-53	4.3	86
78	All-trans-retinoic acid inhibits Jun N-terminal kinase by increasing dual-specificity phosphatase activity. *Molecular and Cellular Biology*, **1999**, 19, 1973-80	4.8	85
77	LXR is required for glucocorticoid-induced hyperglycemia and hepatosteatosis in mice. *Journal of Clinical Investigation*, **2011**, 121, 431-41	15.9	84
76	Synthesis of high specific activity [3H]-9-cis-retinoic acid and its application for identifying retinoids with unusual binding properties. *Journal of Medicinal Chemistry*, **1994**, 37, 408-14	8.3	81
75	LRH-1 and PTF1-L coregulate an exocrine pancreas-specific transcriptional network for digestive function. *Genes and Development*, **2011**, 25, 1674-9	12.6	78
74	Liver X receptor alpha is a transcriptional repressor of the uncoupling protein 1 gene and the brown fat phenotype. *Molecular and Cellular Biology*, **2008**, 28, 2187-200	4.8	78
73	Stress pathway activation induces phosphorylation of retinoid X receptor. *Journal of Biological Chemistry*, **2000**, 275, 32193-9	5.4	77
72	Characterization of a region upstream of exon I.1 of the human CYP19 (aromatase) gene that mediates regulation by retinoids in human choriocarcinoma cells. *Endocrinology*, **1998**, 139, 1684-91	4.8	75
71	Oxysterol stimulation of epidermal differentiation is mediated by liver X receptor-beta in murine epidermis. *Journal of Investigative Dermatology*, **2002**, 118, 25-34	4.3	70
70	Prolongevity hormone FGF21 protects against immune senescence by delaying age-related thymic involution. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1026-31	11.5	67
69	Expression profiling in APP23 mouse brain: inhibition of Abeta amyloidosis and inflammation in response to LXR agonist treatment. *Molecular Neurodegeneration*, **2007**, 2, 20	19	64
68	Structural determinants for vitamin D receptor response to endocrine and xenobiotic signals. *Molecular Endocrinology*, **2004**, 18, 43-52		60

67	Fatty acid regulation of liver X receptors (LXR) and peroxisome proliferator-activated receptor alpha (PPARalpha) in HEK293 cells. *Journal of Biological Chemistry*, **2002**, 277, 39243-50	5.4	60
66	FGF21 Is an Exocrine Pancreas Secretagogue. *Cell Metabolism*, **2017**, 25, 472-480	24.6	58
65	Glucocorticoids regulate the metabolic hormone FGF21 in a feed-forward loop. *Molecular Endocrinology*, **2015**, 29, 213-23		57
64	Nuclear receptor expression defines a set of prognostic biomarkers for lung cancer. *PLoS Medicine*, **2010**, 7, e1000378	11.6	57
63	Isolation of two functional retinoid X receptor subtypes from the Ixodid tick, Amblyomma americanum (L.). *Molecular and Cellular Endocrinology*, **1998**, 139, 45-60	4.4	57
62	In vivo imaging of farnesoid X receptor activity reveals the ileum as the primary bile acid signaling tissue. *Molecular Endocrinology*, **2007**, 21, 1312-23		56
61	Expression profiling of nuclear receptors in the NCI60 cancer cell panel reveals receptor-drug and receptor-gene interactions. *Molecular Endocrinology*, **2010**, 24, 1287-96		55
60	Expression profiling of nuclear receptors in human and mouse embryonic stem cells. *Molecular Endocrinology*, **2009**, 23, 724-33		55
59	Nuclear receptor regulation of stemness and stem cell differentiation. *Experimental and Molecular Medicine*, **2009**, 41, 525-37	12.8	54
58	Isolation of a functional ecdysteroid receptor homologue from the ixodid tick Amblyomma americanum (L.). *Insect Biochemistry and Molecular Biology*, **1997**, 27, 945-62	4.5	52
57	LuXuRies of lipid homeostasis: the unity of nuclear hormone receptors, transcription regulation, and cholesterol sensing. *Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics*, **2002**, 2, 78-87		52
56	The Rieske oxygenase DAF-36 functions as a cholesterol 7-desaturase in steroidogenic pathways governing longevity. *Aging Cell*, **2011**, 10, 879-84	9.9	51
55	Transcriptional activation of the Drosophila ecdysone receptor by insect and plant ecdysteroids. *Insect Biochemistry and Molecular Biology*, **2000**, 30, 1037-43	4.5	51
54	The Hormone FGF21 Stimulates Water Drinking in Response to Ketogenic Diet and Alcohol. *Cell Metabolism*, **2018**, 27, 1338-1347.e4	24.6	50
53	PPARn vagal neurons regulates high-fat diet induced thermogenesis. *Cell Metabolism*, **2014**, 19, 722-30	24.6	49
52	Chronic diarrhea due to excessive bile acid synthesis and not defective ileal transport: a new syndrome of defective fibroblast growth factor 19 release. *Clinical Gastroenterology and Hepatology*, **2009**, 7, 1151-4	6.9	48
51	Detection of FGF15 in plasma by stable isotope standards and capture by anti-peptide antibodies and targeted mass spectrometry. *Cell Metabolism*, **2015**, 21, 898-904	24.6	47
50	Partial resistance to peroxisome proliferator-activated receptor-alpha agonists in ZDF rats is associated with defective hepatic mitochondrial metabolism. *Diabetes*, **2008**, 57, 2012-21	0.9	45

49	Interaction between vitamin D receptor and vitamin D ligands: two-dimensional alanine scanning mutational analysis. *Chemistry and Biology*, **2003**, 10, 261-70		45
48	Regulation of the aldo-keto reductase gene akr1b7 by the nuclear oxysterol receptor LXRalpha (liver X receptor-alpha) in the mouse intestine: putative role of LXRs in lipid detoxification processes. *Molecular Endocrinology*, **2004**, 18, 888-98		44
47	Engineering novel specificities for ligand-activated transcription in the nuclear hormone receptor RXR. *Chemistry and Biology*, **1998**, 5, 13-21		41
46	Regulation of Life Cycle Checkpoints and Developmental Activation of Infective Larvae in Strongyloides stercoralis by Dafachronic Acid. *PLoS Pathogens*, **2016**, 12, e1005358	7.6	41
45	Synthesis, characterization, and receptor interaction profiles of enantiomeric bile acids. *Journal of Medicinal Chemistry*, **2007**, 50, 6048-58	8.3	38
44	Research resource: Diagnostic and therapeutic potential of nuclear receptor expression in lung cancer. *Molecular Endocrinology*, **2012**, 26, 1443-54		35
43	Engineering orthogonal ligand-receptor pairs from "near drugs". *Journal of the American Chemical Society*, **2001**, 123, 11367-71	16.4	35
42	The nuclear receptor DAF-12 regulates nutrient metabolism and reproductive growth in nematodes. *PLoS Genetics*, **2015**, 11, e1005027	6	33
41	The generation of monoclonal antibodies against human peroxisome proliferator-activated receptors (PPARs). *Journal of Atherosclerosis and Thrombosis*, **2002**, 9, 233-42	4	33
40	Synthesis and activity of dafachronic acid ligands for the C. elegans DAF-12 nuclear hormone receptor. *Molecular Endocrinology*, **2009**, 23, 640-8		32
39	Chromosomal localization of the human retinoid X receptors. *Genomics*, **1994**, 20, 397-403	4.3	32
38	AKR1B7 is induced by the farnesoid X receptor and metabolizes bile acids. *Journal of Biological Chemistry*, **2011**, 286, 2425-32	5.4	30
37	Sterols and gene expression: control of affluence. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2000**, 1529, 114-25	5	28
36	Structural conservation of ligand binding reveals a bile acid-like signaling pathway in nematodes. *Journal of Biological Chemistry*, **2012**, 287, 4894-903	5.4	27
35	Immunoselection of cDNAs to avian intestinal calcium binding protein 28K and a novel calmodulin-like protein: assessment of mRNA regulation by the vitamin D hormone. *Biochemistry*, **1987**, 26, 8332-8	3.2	27
34	Methylprednisolone acetate induces, and Δ7-dafachronic acid suppresses, hyperinfection in NSG mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 204-209	11.5	27
33	Inhibition of growth and cholesterol synthesis in breast cancer cells by oxidation products of Ecarotene 11Dr. Hu is currently in the Department of Nutritional Research, Institute of Infectious Disease, Beijing, P.R. China; Dr. White is presently in the F. Edward Hebert School of Medicine, Bethesda, MD.. *Journal of Nutritional Biochemistry*, **1998**, 9, 567-574	6.3	26
32	Nuclear receptors of the enteric tract: guarding the frontier. *Nutrition Reviews*, **2008**, 66, S88-97	6.4	26

31	Nuclear receptor LRH-1 induces the reproductive neuropeptide kisspeptin in the hypothalamus. *Molecular Endocrinology*, **2013**, 27, 598-605		23
30	Establishment of a monoclonal antibody for human LXRalpha: Detection of LXRalpha protein expression in human macrophages. *Nuclear Receptor*, **2003**, 1, 1		21
29	Structural insights into gene repression by the orphan nuclear receptor SHP. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 839-44	11.5	19
28	Placental expression of the nuclear receptors for oxysterols LXRalpha and LXRbeta during mouse and human development. *The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology*, **2005**, 283, 175-81		19
27	Nuclear Orphan Receptors: The Search for Novel Ligands and Signaling Pathways **1998**, 307-358		19
26	Identification of a liver-specific uridine phosphorylase that is regulated by multiple lipid-sensing nuclear receptors. *Molecular Endocrinology*, **2004**, 18, 851-62		17
25	Loss of the liver X receptor LXR/ in peripheral sensory neurons modifies energy expenditure. *ELife*, **2015**, 4,	8.9	16
24	Pancreatitis is an FGF21-deficient state that is corrected by replacement therapy. *Science Translational Medicine*, **2020**, 12,	17.5	16
23	Sterol-dependent nuclear import of ORP1S promotes LXR regulated trans-activation of apoE. *Experimental Cell Research*, **2012**, 318, 2128-42	4.2	15
22	PPAR K107 SUMOylation regulates insulin sensitivity but not adiposity in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 12102-12111	11.5	14
21	Functional interactions between the Moses corepressor and DHR78 nuclear receptor regulate growth in Drosophila. *Genes and Development*, **2007**, 21, 450-64	12.6	13
20	The energy balance model of obesity: beyond calories in, calories out.. *American Journal of Clinical Nutrition*, **2022**,	7	13
19	Nuclear receptors: emerging drug targets for parasitic diseases. *Journal of Clinical Investigation*, **2017**, 127, 1165-1171	15.9	13
18	Identification and quantitation of intracellular retinol and retinoic acid binding proteins in cultured cells. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1984**, 803, 54-62	4.9	12
17	FGF21 promotes thermogenic gene expression as an autocrine factor in adipocytes. *Cell Reports*, **2021**, 35, 109331	10.6	12
16	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. *Molecular Endocrinology*, **2016**, 30, 469-78		11
15	The orphan nuclear receptor SHP regulates ER stress response by inhibiting XBP1s degradation. *Genes and Development*, **2019**, 33, 1083-1094	12.6	10
14	SnapShot: Hormones of the gastrointestinal tract. *Cell*, **2014**, 159, 1478.e1	56.2	8

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