David J Mangelsdorf

List of Publications by Year
in descending order

194	65,469	1457 107	3173 186
papers	citations	h-index	g-index

221	221	221	39863
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The nuclear receptor superfamily: The second decade. Cell, 1995, 83, 835-839.	13.5	6,478
2	The RXR heterodimers and orphan receptors. Cell, 1995, 83, 841-850.	13.5	3,025
3	Identification of a Nuclear Receptor for Bile Acids. Science, 1999, 284, 1362-1365.	6.0	2,377
4	Nuclear Receptors and Lipid Physiology: Opening the X-Files. Science, 2001, 294, 1866-1870.	6.0	1,848
5	9-cis retinoic acid is a high affinity ligand for the retinoid X receptor. Cell, 1992, 68, 397-406.	13.5	1,713
6	An oxysterol signalling pathway mediated by the nuclear receptor LXRÎ±. Nature, 1996, 383, 728-731.	13.7	1,597
7	Fibroblast growth factor 15 functions as an enterohepatic signal to regulate bile acid homeostasis. Cell Metabolism, 2005, 2, 217-225.	7.2	1,514
8	Nuclear receptor that identifies a novel retinoic acid response pathway. Nature, 1990, 345, 224-229.	13.7	1,492
9	Regulation of mouse sterol regulatory element-binding protein-1c gene (SREBP-1c) by oxysterol receptors, LXRalpha and LXRbeta. Genes and Development, 2000, 14, 2819-2830.	2.7	1,463
10	Retinoid X receptor interacts with nuclear receptors in retinoic acid, thyroid hormone and vitamin D3 signalling. Nature, 1992, 355, 446-449.	13.7	1,445
11	Role of LXRs in control of lipogenesis. Genes and Development, 2000, 14, 2831-2838.	2.7	1,443
12	Cholesterol and Bile Acid Metabolism Are Impaired in Mice Lacking the Nuclear Oxysterol Receptor LXRÎ±. Cell, 1998, 93, 693-704.	13.5	1,322
13	Molecular Basis for Feedback Regulation of Bile Acid Synthesis by Nuclear Receptors. Molecular Cell, 2000, 6, 507-515.	4.5	1,321
14	Endocrine Regulation of the Fasting Response by PPARÎ±-Mediated Induction of Fibroblast Growth Factor 21. Cell Metabolism, 2007, 5, 415-425.	7.2	1,306
15	Reciprocal regulation of inflammation and lipid metabolism by liver X receptors. Nature Medicine, 2003, 9, 213-219.	15.2	1,088
16	Bile acids lower triglyceride levels via a pathway involving FXR, SHP, and SREBP-1c. Journal of Clinical Investigation, 2004, 113, 1408-1418.	3.9	1,069
17	Vitamin D Receptor As an Intestinal Bile Acid Sensor. Science, 2002, 296, 1313-1316.	6.0	1,053
18	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, 3920-3925.	3.3	945

#	Article	IF	Citations
19	Nuclear Receptors, RXR, and the Big Bang. Cell, 2014, 157, 255-266.	13.5	927
20	Anatomical Profiling of Nuclear Receptor Expression RevealsÂa Hierarchical Transcriptional Network. Cell, 2006, 126, 789-799.	13.5	878
21	Nuclear Receptor Expression Links the Circadian Clock to Metabolism. Cell, 2006, 126, 801-810.	13.5	852
22	Regulation of ATP-binding Cassette Sterol Transporters ABCG5 and ABCG8 by the Liver X Receptors Î± and Î². Journal of Biological Chemistry, 2002, 277, 18793-18800.	1.6	708
23	A direct repeat in the cellular retinol-binding protein type II gene confers differential regulation by RXR and RAR. Cell, 1991, 66, 555-561.	13.5	676
24	Human Bile Salt Export Pump Promoter Is Transactivated by the Farnesoid X Receptor/Bile Acid Receptor. Journal of Biological Chemistry, 2001, 276, 28857-28865.	1.6	660
25	The Role of Orphan Nuclear Receptors in the Regulation of Cholesterol Homeostasis. Annual Review of Cell and Developmental Biology, 2000, 16, 459-481.	4.0	654
26	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, 7711-7715.	3.3	630
27	FGF21 induces PGC-1Î± 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, 10853-10858.	3.3	605
28	Liver X Receptor Signaling Pathways in Cardiovascular Disease. Molecular Endocrinology, 2003, 17, 985-993.	3.7	581
29	Research Resource: Comprehensive Expression Atlas of the Fibroblast Growth Factor System in Adult Mouse. Molecular Endocrinology, 2010, 24, 2050-2064.	3.7	579
30	LXRS AND FXR: The Yin and Yang of Cholesterol and Fat Metabolism. Annual Review of Physiology, 2006, 68, 159-191.	5.6	536
31	Jun-Fos and receptors for vitamins A and D recognize a common response element in the human osteocalcin gene. Cell, 1990, 61, 497-504.	13.5	534
32	FGF19 as a Postprandial, Insulin-Independent Activator of Hepatic Protein and Glycogen Synthesis. Science, 2011, 331, 1621-1624.	6.0	504
33	A Natural Product That Lowers Cholesterol As an Antagonist Ligand for FXR. Science, 2002, 296, 1703-1706.	6.0	491
34	Fibroblast Growth Factor-21 Regulates PPARÎ³ Activity and the Antidiabetic Actions of Thiazolidinediones. Cell, 2012, 148, 556-567.	13.5	478
35	Circulating FGF21 Is Liver Derived and Enhances Glucose Uptake During Refeeding and Overfeeding. Diabetes, 2014, 63, 4057-4063.	0.3	467
36	International Union of Pharmacology. LXIII. Retinoid X Receptors. Pharmacological Reviews, 2006, 58, 760-772.	7.1	451

#	Article	IF	Citations
37	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, 5419-5424.	3.3	437
38	FGF21 regulates metabolism and circadian behavior by acting on the nervous system. Nature Medicine, 2013, 19, 1147-1152.	15.2	430
39	Identification of Ligands for DAF-12 that Govern Dauer Formation and Reproduction in C. elegans. Cell, 2006, 124, 1209-1223.	13.5	414
40	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, 11896-11901.	3.3	410
41	FGF21 Acts Centrally to Induce Sympathetic Nerve Activity, Energy Expenditure, and Weight Loss. Cell Metabolism, 2014, 20, 670-677.	7.2	403
42	The Orphan Nuclear Receptor, shp, Mediates Bile Acid-Induced Inhibition of the Rat Bile Acid Transporter, ntcp. Gastroenterology, 2001, 121, 140-147.	0.6	396
43	International Union of Pharmacology. LX. Retinoic Acid Receptors. Pharmacological Reviews, 2006, 58, 712-725.	7.1	369
44	Quantitative real-time PCR protocol for analysis of nuclear receptor signaling pathways. Nuclear Receptor Signaling, 2003, 1, nrs.01012.	1.0	368
45	Endocrine fibroblast growth factors 15/19 and 21: from feast to famine. Genes and Development, 2012, 26, 312-324.	2.7	367
46	The liver X receptor gene team: Potential new players in atherosclerosis. Nature Medicine, 2002, 8, 1243-1248.	15.2	364
47	Inhibition of Growth Hormone Signaling by the Fasting-Induced Hormone FGF21. Cell Metabolism, 2008, 8, 77-83.	7.2	353
48	27-Hydroxycholesterol is an endogenous SERM that inhibits the cardiovascular effects of estrogen. Nature Medicine, 2007, 13, 1185-1192.	15.2	351
49	Human White/Murine ABC8 mRNA Levels Are Highly Induced in Lipid-loaded Macrophages. Journal of Biological Chemistry, 2000, 275, 14700-14707.	1.6	350
50	The LXRs: a new class of oxysterol receptors. Current Opinion in Genetics and Development, 1998, 8, 571-575.	1.5	348
51	Retinoid X Receptor Heterodimers in the Metabolic Syndrome. New England Journal of Medicine, 2005, 353, 604-615.	13.9	347
52	De-orphanization of Cytochrome P450 2R1. Journal of Biological Chemistry, 2003, 278, 38084-38093.	1.6	343
53	Î²Klotho Is Required for Fibroblast Growth Factor 21 Effects on Growth and Metabolism. Cell Metabolism, 2012, 16, 387-393.	7.2	338
54	FGF15/19 Regulates Hepatic Glucose Metabolism by Inhibiting the CREB-PGC-1Î± Pathway. Cell Metabolism, 2011, 13, 729-738.	7.2	331

#	Article	IF	Citations
55	Fibroblast growth factor 21 promotes bone loss by potentiating the effects of peroxisome proliferator-activated receptor Î³. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3143-3148.	3.3	331
56	The starvation hormone, fibroblast growth factor-21, extends lifespan in mice. ELife, 2012, 1, e00065.	2.8	322
57	Orphan Nuclear Receptors as eLiXiRs and FiXeRs of Sterol Metabolism. Journal of Biological Chemistry, 2001, 276, 37735-37738.	1.6	308
58	Bile Acids as Hormones: The FXR-FGF15/19 Pathway. Digestive Diseases, 2015, 33, 327-331.	0.8	299
59	Highâ€Throughput Realâ€Time Quantitative Reverse Transcription PCR. Current Protocols in Molecular Biology, 2006, 73, Unit 15.8.	2.9	298
60	Structural Determinants of Allosteric Ligand Activation in RXR Heterodimers. Cell, 2004, 116, 417-429.	13.5	293
61	Liver X Receptor-dependent Repression of Matrix Metalloproteinase-9 Expression in Macrophages. Journal of Biological Chemistry, 2003, 278, 10443-10449.	1.6	289
62	Prevention of cholesterol gallstone disease by FXR agonists in a mouse model. Nature Medicine, 2004, 10, 1352-1358.	15.2	283
63	Enzymatic Reduction of Oxysterols Impairs LXR Signaling in Cultured Cells and the Livers of Mice. Cell Metabolism, 2007, 5, 73-79.	7.2	276
64	LXRs regulate the balance between fat storage and oxidation. Cell Metabolism, 2005, 1, 231-244.	7.2	268
65	FGF21 Regulates Sweet and Alcohol Preference. Cell Metabolism, 2016, 23, 344-349.	7.2	259
66	A role for the apoptosis inhibitory factor AIM/SpÎ±/Api6 in atherosclerosis development. Cell Metabolism, 2005, 1, 201-213.	7.2	257
67	Identification of a hormonal basis for gallbladder filling. Nature Medicine, 2006, 12, 1253-1255.	15.2	257
68	27-Hydroxycholesterol Is an Endogenous Selective Estrogen Receptor Modulator. Molecular Endocrinology, 2008, 22, 65-77.	3.7	255
69	MicroRNA let-7 Regulates 3T3-L1 Adipogenesis. Molecular Endocrinology, 2009, 23, 925-931.	3.7	253
70	Tissue-specific actions of the metabolic hormones FGF15/19 and FGF21. Trends in Endocrinology and Metabolism, 2015, 26, 22-29.	3.1	248
71	Regulation of Lipoprotein Lipase by the Oxysterol Receptors, LXRÎ± and LXRÎ². Journal of Biological Chemistry, 2001, 276, 43018-43024.	1.6	244
72	Sterol Intermediates from Cholesterol Biosynthetic Pathway as Liver X Receptor Ligands. Journal of Biological Chemistry, 2006, 281, 27816-27826.	1.6	240

#	Article	IF	Citations
73	Hepatocyte-Specific Mutation Establishes Retinoid X Receptor Î± as a Heterodimeric Integrator of Multiple Physiological Processes in the Liver. Molecular and Cellular Biology, 2000, 20, 4436-4444.	1.1	227
74	The Drosophila Orphan Nuclear Receptor DHR38 Mediates an Atypical Ecdysteroid Signaling Pathway. Cell, 2003, 113, 731-742.	13.5	226
75	A Nuclear Receptor Atlas: Macrophage Activation. Molecular Endocrinology, 2005, 19, 2466-2477.	3.7	220
76	A Nuclear Receptor Atlas: 3T3-L1 Adipogenesis. Molecular Endocrinology, 2005, 19, 2437-2450.	3.7	211
77	Regulated Expression of the Apolipoprotein E/C-I/C-IV/C-II Gene Cluster in Murine and Human Macrophages. Journal of Biological Chemistry, 2002, 277, 31900-31908.	1.6	208
78	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, 246-255.	0.3	208
79	The G Protein-Coupled Bile Acid Receptor, TGR5, Stimulates Gallbladder Filling. Molecular Endocrinology, 2011, 25, 1066-1071.	3.7	208
80	KLB is associated with alcohol drinking, and its gene product Î²-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.	3.3	208
81	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, 5014-5019.	3.3	206
82	FGF21 contributes to neuroendocrine control of female reproduction. Nature Medicine, 2013, 19, 1153-1156.	15.2	193
83	Expression of ABCG5 and ABCG8 Is Required for Regulation of Biliary Cholesterol Secretion. Journal of Biological Chemistry, 2005, 280, 8742-8747.	1.6	191
84	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, 223-228.	3.3	189
85	International Union of Pharmacology. LXII. The NR1H and NR1I Receptors: Constitutive Androstane Receptor, Pregnene X Receptor, Farnesoid X Receptor Î±, Farnesoid X Receptor Î², Liver X Receptor Î±, Liver X Receptor Î², and Vitamin D Receptor. Pharmacological Reviews, 2006, 58, 742-759.	7.1	189
86	Fibroblast growth factor 21: from pharmacology to physiology. American Journal of Clinical Nutrition, 2010, 91, 254S-257S.	2.2	185
87	FGF19, FGF21, and an FGFR1/Î²-Klotho-Activating Antibody Act on the Nervous System to Regulate Body Weight and Glycemia. Cell Metabolism, 2017, 26, 709-718.e3.	7.2	184
88	Regulation of Bile Acid Synthesis by Fat-soluble Vitamins A and D. Journal of Biological Chemistry, 2010, 285, 14486-14494.	1.6	180
89	A Dozen Years of Discovery: Insights into the Physiology and Pharmacology of FGF21. Cell Metabolism, 2019, 29, 246-253.	7.2	180
90	Hormonal Control of C. elegans Dauer Formation and Life Span by a Rieske-like Oxygenase. Developmental Cell, 2006, 10, 473-482.	3.1	177

#	Article	IF	Citations
91	Interleukin-1Î² Suppresses Retinoid Transactivation of Two Hepatic Transporter Genes Involved in Bile Formation. Journal of Biological Chemistry, 2000, 275, 8835-8843.	1.6	172
92	Liver LXRÎ± expression is crucial for whole body cholesterol homeostasis and reverse cholesterol transport in mice. Journal of Clinical Investigation, 2012, 122, 1688-1699.	3.9	166
93	Nuclear receptor regulation of cholesterol and bile acid metabolism. Current Opinion in Biotechnology, 1999, 10, 557-563.	3.3	165
94	Human organic anion transporting polypeptide 8 promoter is transactivated by the farnesoid X receptor/bile acid receptor. Gastroenterology, 2002, 122, 1954-1966.	0.6	152
95	A Synthetic Triterpenoid, 2-Cyano-3,12-dioxooleana-1,9-dien-28-oic Acid (CDDO), Is a Ligand for the Peroxisome Proliferator-Activated Receptor Î³. Molecular Endocrinology, 2000, 14, 1550-1556.	3.7	151
96	Liver X receptors regulate adrenal cholesterol balance. Journal of Clinical Investigation, 2006, 116, 1902-1912.	3.9	147
97	Nuclear Hormone Receptor Regulation of MicroRNAs Controls Developmental Progression. Science, 2009, 324, 95-98.	6.0	144
98	The Phospholipid Transfer Protein Gene Is a Liver X Receptor Target Expressed by Macrophages in Atherosclerotic Lesions. Molecular and Cellular Biology, 2003, 23, 2182-2191.	1.1	143
99	Cardiac peroxisome proliferator-activated receptor Î³ is essential in protecting cardiomyocytes from oxidative damage. Cardiovascular Research, 2007, 76, 269-279.	1.8	142
100	Prospects for prevention and treatment of cancer with selective PPARÎ³ modulators (SPARMs). Trends in Molecular Medicine, 2001, 7, 395-400.	3.5	140
101	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.	1.6	140
102	The Role of Liver X Receptor-Î± in the Fatty Acid Regulation of Hepatic Gene Expression. Journal of Biological Chemistry, 2003, 278, 40736-40743.	1.6	136
103	Liver Receptor Homolog-1 Regulates Bile Acid Homeostasis but Is Not Essential for Feedback Regulation of Bile Acid Synthesis. Molecular Endocrinology, 2008, 22, 1345-1356.	3.7	130
104	Colesevelam suppresses hepatic glycogenolysis by TGR5-mediated induction of GLP-1 action in DIO mice. American Journal of Physiology - Renal Physiology, 2013, 304, G371-G380.	1.6	127
105	The energy balance model of obesity: beyond calories in, calories out. American Journal of Clinical Nutrition, 2022, 115, 1243-1254.	2.2	123
106	Activation of LXRs prevents bile acid toxicity and cholestasis in female mice. Hepatology, 2007, 45, 422-432.	3.6	121
107	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, 9138-9143.	3.3	117
108	Pregnane X Receptor Is a Target of Farnesoid X Receptor. Journal of Biological Chemistry, 2006, 281, 19081-19091.	1.6	114

#	Article	IF	Citations
109	Nuclear Receptors HNF4Î± and LRH-1 Cooperate in Regulating Cyp7a1 in Vivo. Journal of Biological Chemistry, 2012, 287, 41334-41341.	1.6	112
110	Vitamin A Receptors. Nutrition Reviews, 1994, 52, S32-S44.	2.6	111
111	Minireview: Evolution of NURSA, the Nuclear Receptor Signaling Atlas. Molecular Endocrinology, 2009, 23, 740-746.	3.7	109
112	LXRÎ² is required for glucocorticoid-induced hyperglycemia and hepatosteatosis in mice. Journal of Clinical Investigation, 2011, 121, 431-441.	3.9	100
113	FXR agonists and FGF15 reduce fecal bile acid excretion in a mouse model of bile acid malabsorption. Journal of Lipid Research, 2007, 48, 2693-2700.	2.0	97
114	A Functional Retinoic Acid Receptor Encoded by the Gene on Human Chromosome 12. Molecular Endocrinology, 1990, 4, 837-844.	3.7	95
115	FGF21 Is an Exocrine Pancreas Secretagogue. Cell Metabolism, 2017, 25, 472-480.	7.2	92
116	Retinoid Receptors. , 1993, 48, 99-121.		92
117	Synthesis of high specific activity tritium-labeled [3H]-9-cis-retinoic acid and its application for identifying retinoids with unusual binding properties. Journal of Medicinal Chemistry, 1994, 37, 408-414.	2.9	91
118	All-trans-Retinoic Acid Inhibits Jun N-Terminal Kinase by Increasing Dual-Specificity Phosphatase Activity. Molecular and Cellular Biology, 1999, 19, 1973-1980.	1.1	91
119	LRH-1 and PTF1-L coregulate an exocrine pancreas-specific transcriptional network for digestive function. Genes and Development, 2011, 25, 1674-1679.	2.7	91
120	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, 1026-1031.	3.3	91
121	Oxysterols Induce Differentiation in Human Keratinocytes and Increase Ap-1-Dependent Involucrin Transcription. Journal of Investigative Dermatology, 2000, 114, 545-553.	0.3	89
122	Liver X Receptor Î± Is a Transcriptional Repressor of the Uncoupling Protein 1 Gene and the Brown Fat Phenotype. Molecular and Cellular Biology, 2008, 28, 2187-2200.	1.1	86
123	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, 1684-1691.	1.4	83
124	Stress Pathway Activation Induces Phosphorylation of Retinoid X Receptor. Journal of Biological Chemistry, 2000, 275, 32193-32199.	1.6	82
125	Glucocorticoids Regulate the Metabolic Hormone FGF21 in a Feed-Forward Loop. Molecular Endocrinology, 2015, 29, 213-223.	3.7	78
126	Oxysterol Stimulation of Epidermal Differentiation is Mediated by Liver X Receptor-Î² in Murine Epidermis. Journal of Investigative Dermatology, 2002, 118, 25-34.	0.3	77

#	Article	IF	Citations
127	Expression profiling in APP23 mouse brain: inhibition of AÎ² amyloidosis and inflammation in response to LXR agonist treatment. Molecular Neurodegeneration, 2007, 2, 20.	4.4	74
128	The Hormone FGF21 Stimulates Water Drinking in Response to Ketogenic Diet and Alcohol. Cell Metabolism, 2018, 27, 1338-1347.e4.	7.2	72
129	Fatty Acid Regulation of Liver X Receptors (LXR) and Peroxisome Proliferator-activated Receptor Î± (PPARÎ±) in HEK293 Cells. Journal of Biological Chemistry, 2002, 277, 39243-39250.	1.6	70
130	Nuclear Receptor Expression Defines a Set of Prognostic Biomarkers for Lung Cancer. PLoS Medicine, 2010, 7, e1000378.	3.9	65
131	Structural Determinants for Vitamin D Receptor Response to Endocrine and Xenobiotic Signals. Molecular Endocrinology, 2004, 18, 43-52.	3.7	64
132	Expression Profiling of Nuclear Receptors in the NCI60 Cancer Cell Panel Reveals Receptor-Drug and Receptor-Gene Interactions. Molecular Endocrinology, 2010, 24, 1287-1296.	3.7	63
133	Isolation of a functional ecdysteroid receptor homologue from the ixodid tick Amblyomma americanum (L.). Insect Biochemistry and Molecular Biology, 1997, 27, 945-962.	1.2	62
134	In Vivo Imaging of Farnesoid X Receptor Activity Reveals the Ileum as the Primary Bile Acid Signaling Tissue. Molecular Endocrinology, 2007, 21, 1312-1323.	3.7	62
135	Nuclear receptor regulation of stemness and stem cell differentiation. Experimental and Molecular Medicine, 2009, 41, 525.	3.2	62
136	Isolation of two functional retinoid X receptor subtypes from the Ixodid tick, Amblyomma americanum (L.). Molecular and Cellular Endocrinology, 1998, 139, 45-60.	1.6	61
137	The Rieske oxygenase DAFâ€36 functions as a cholesterol 7â€desaturase in steroidogenic pathways governing longevity. Aging Cell, 2011, 10, 879-884.	3.0	59
138	Transcriptional activation of the Drosophila ecdysone receptor by insect and plant ecdysteroids. Insect Biochemistry and Molecular Biology, 2000, 30, 1037-1043.	1.2	57
139	Expression Profiling of Nuclear Receptors in Human and Mouse Embryonic Stem Cells. Molecular Endocrinology, 2009, 23, 724-733.	3.7	57
140	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, 1151-1154.	2.4	56
141	PPARÎ³ in Vagal Neurons Regulates High-Fat Diet Induced Thermogenesis. Cell Metabolism, 2014, 19, 722-730.	7.2	55
142	FGF21 promotes thermogenic gene expression as an autocrine factor in adipocytes. Cell Reports, 2021, 35, 109331.	2.9	55
143	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.	3.4	55
144	Regulation of Life Cycle Checkpoints and Developmental Activation of Infective Larvae in Strongyloides stercoralis by Dafachronic Acid. PLoS Pathogens, 2016, 12, e1005358.	2.1	53

#	Article	IF	Citations
145	Interaction between Vitamin D Receptor and Vitamin D Ligands. Chemistry and Biology, 2003, 10, 261-270.	6.2	51
146	Partial Resistance to Peroxisome Proliferatorâ€“Activated Receptor-Î± Agonists in ZDF Rats Is Associated With Defective Hepatic Mitochondrial Metabolism. Diabetes, 2008, 57, 2012-2021.	0.3	51
147	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.	7.2	51
148	Methylprednisolone acetate induces, and Î”7-dafachronic acid suppresses,Strongyloides stercoralishyperinfection in NSG mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 204-209.	3.3	47
149	Regulation of the Aldo-Keto Reductase Gene akr1b7 by the Nuclear Oxysterol Receptor LXRÎ± (Liver X) Tj ETQq1 1 0.784314 rgBT /Ov Endocrinology, 2004, 18, 888-898.	3.7	46
150	Engineering novel specificities for ligand-activated transcription in the nuclear hormone receptor RXR. Chemistry and Biology, 1998, 5, 13-21.	6.2	44
151	The Nuclear Receptor DAF-12 Regulates Nutrient Metabolism and Reproductive Growth in Nematodes. PLoS Genetics, 2015, 11, e1005027.	1.5	41
152	Research Resource: Diagnostic and Therapeutic Potential of Nuclear Receptor Expression in Lung Cancer. Molecular Endocrinology, 2012, 26, 1443-1454.	3.7	40
153	Synthesis, Characterization, and Receptor Interaction Profiles of Enantiomeric Bile Acids. Journal of Medicinal Chemistry, 2007, 50, 6048-6058.	2.9	39
154	Engineering Orthogonal Ligandâ€”Receptor Pairs from â€œNear Drugsâ€. Journal of the American Chemical Society, 2001, 123, 11367-11371.	6.6	37
155	Synthesis and Activity of Dafachronic Acid Ligands for the C. elegans DAF-12 Nuclear Hormone Receptor. Molecular Endocrinology, 2009, 23, 640-648.	3.7	37
156	The Generation of Monoclonal Antibodies against Human Peroxisome Proliferator-activated Receptors (PPARs). Journal of Atherosclerosis and Thrombosis, 2002, 9, 233-242.	0.9	36
157	Chromosomal Localization of the Human Retinoid X Receptors. Genomics, 1994, 20, 397-403.	1.3	35
158	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, 8332-8338.	1.2	34
159	AKR1B7 Is Induced by the Farnesoid X Receptor and Metabolizes Bile Acids. Journal of Biological Chemistry, 2011, 286, 2425-2432.	1.6	33
160	Sterols and gene expression: control of affluence. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1529, 114-125.	1.2	32
161	Structural Conservation of Ligand Binding Reveals a Bile Acid-like Signaling Pathway in Nematodes. Journal of Biological Chemistry, 2012, 287, 4894-4903.	1.6	32
162	Inhibition of growth and cholesterol synthesis in breast cancer cells by oxidation products of Î²-carotene 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.	1.9	31

#	Article	IF	Citations
163	Nuclear receptors of the enteric tract: guarding the frontier. Nutrition Reviews, 2008, 66, S88-S97.	2.6	30
164	Nuclear Receptor LRH-1 Induces the Reproductive Neuropeptide Kisspeptin in the Hypothalamus. Molecular Endocrinology, 2013, 27, 598-605.	3.7	30
165	Pancreatitis is an FGF21-deficient state that is corrected by replacement therapy. Science Translational Medicine, 2020, 12, .	5.8	29
166	Nuclear Orphan Receptors. , 1998, , 307-358.		28
167	PPARÎ³-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.	3.3	27
168	Placental expression of the nuclear receptors for oxysterols LXR? and LXR? during mouse and human development. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2005, 283A, 175-181.	2.0	26
169	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, 839-844.	3.3	26
170	Establishment of a monoclonal antibody for human LXRalpha: Detection of LXRalpha protein expression in human macrophages. Nuclear Receptor, 2003, 1, 1.	10.0	24
171	Identification of a Liver-Specific Uridine Phosphorylase that Is Regulated by Multiple Lipid-Sensing Nuclear Receptors. Molecular Endocrinology, 2004, 18, 851-862.	3.7	21
172	Loss of the liver X receptor LXRÎ±/Î² in peripheral sensory neurons modifies energy expenditure. ELife, 2015, 4, .	2.8	21
173	Nuclear receptors: emerging drug targets for parasitic diseases. Journal of Clinical Investigation, 2017, 127, 1165-1171.	3.9	20
174	Sterol-dependent nuclear import of ORP1S promotes LXR regulated trans-activation of apoE. Experimental Cell Research, 2012, 318, 2128-2142.	1.2	19
175	Functional interactions between the Moses corepressor and DHR78 nuclear receptor regulate growth in Drosophila. Genes and Development, 2007, 21, 450-464.	2.7	18
176	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.	1.9	17
177	SnapShot: Hormones of the Gastrointestinal Tract. Cell, 2014, 159, 1478-1478.e1.	13.5	15
178	Identification of a nuclear receptor/coactivator developmental signaling pathway in the nematode parasite Strongyloides stercoralis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	15
179	The orphan nuclear receptor SHP regulates ER stress response by inhibiting XBP1s degradation. Genes and Development, 2019, 33, 1083-1094.	2.7	14
180	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. Molecular Endocrinology, 2016, 30, 469-478.	3.7	13

#	Article	IF	Citations
181	Modifying ligand specificity of gene regulatory proteins. Current Opinion in Chemical Biology, 2000, 4, 60-64.	2.8	11
182	Characterization of the endogenous DAF-12 ligand and its use as an anthelmintic agent in Strongyloides stercoralis. ELife, 2021, 10, .	2.8	11
183	Dafachronic acid and temperature regulate canonical dauer pathways during Nippostrongylus brasiliensis infectious larvae activation. Parasites and Vectors, 2020, 13, 162.	1.0	10
184	Trypanosoma brucei:Effects of Methoprene and Other Isoprenoid Compounds on Procyclic and Bloodstream Formsin Vitroand in Mice. Experimental Parasitology, 1997, 87, 229-236.	0.5	7
185	TheÂSchistosoma mansoniÂnuclear receptor FTZ-F1 maintains esophageal gland function via transcriptional regulation ofÂmeg-8.3. PLoS Pathogens, 2021, 17, e1010140.	2.1	6
186	Commentary: The Year in Nuclear Receptor Control of Metabolism. Molecular Endocrinology, 2010, 24, 2075-2080.	3.7	5
187	Chapter 25. Nuclear Orphan Receptors: Scientific Progress and Therapeutic Opportunities. Annual Reports in Medicinal Chemistry, 1997, 32, 251-260.	0.5	4
188	The â€˜nuclear optionâ€™ revisited: Confirmation of Ss-daf-12 function and therapeutic potential in Strongyloides stercoralis and other parasitic nematode infections. Molecular and Biochemical Parasitology, 2022, 250, 111490.	0.5	4
189	Vitamin D Receptor as a Sensor for Toxic Bile Acids. , 2005, , 863-870.		2
190	Reply to G Taubes, MI Friedman, and V Torres-Carot et al. American Journal of Clinical Nutrition, 2022, 116, 614-615.	2.2	1
191	Interview: Interview with David Mangelsdorf for Personalized Medicine. Personalized Medicine, 2011, 8, 513-516.	0.8	0
192	The Role of the Vitamin D Receptor in Bile Acid Homeostasis. , 2011, , 763-767.		0
193	Cholesterol sulfotransferase (Sult2b1) inactivates oxysterol ligands of LXR. FASEB Journal, 2006, 20, A90.	0.2	0
194	Endocrine Actions of Bile Acids Via Nuclear Receptors and FGFs. FASEB Journal, 2007, 21, A147.	0.2	0