Peter Tontonoz

List of Publications by Citations

167 papers	31,556 citations	72 h-index	177 g-index
200 ext. papers	34,569 ext. citations	15.7 avg, IF	7.18 L-index

#	Paper	IF	Citations
167	Stimulation of adipogenesis in fibroblasts by PPAR gamma 2, a lipid-activated transcription factor. *Cell*, **1994**, 79, 1147-56	56.2	3010
166	15-Deoxy-delta 12, 14-prostaglandin J2 is a ligand for the adipocyte determination factor PPAR gamma. *Cell*, **1995**, 83, 803-12	56.2	2642
165	Oxidized LDL regulates macrophage gene expression through ligand activation of PPARgamma. *Cell*, **1998**, 93, 229-40	56.2	1560
164	PPARgamma promotes monocyte/macrophage differentiation and uptake of oxidized LDL. *Cell*, **1998**, 93, 241-52	56.2	1541
163	Fat and beyond: the diverse biology of PPARgamma. *Annual Review of Biochemistry*, **2008**, 77, 289-312	29.1	1484
162	A PPAR gamma-LXR-ABCA1 pathway in macrophages is involved in cholesterol efflux and atherogenesis. *Molecular Cell*, **2001**, 7, 161-71	17.6	1141
161	Reciprocal regulation of inflammation and lipid metabolism by liver X receptors. *Nature Medicine*, **2003**, 9, 213-9	50.5	969
160	PPAR-gamma dependent and independent effects on macrophage-gene expression in lipid metabolism and inflammation. *Nature Medicine*, **2001**, 7, 48-52	50.5	942
159	Synthetic LXR ligand inhibits the development of atherosclerosis in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 7604-9	11.5	760
158	Terminal differentiation of human breast cancer through PPAR gamma. *Molecular Cell*, **1998**, 1, 465-70	17.6	719
157	Liver X receptors as integrators of metabolic and inflammatory signaling. *Journal of Clinical Investigation*, **2006**, 116, 607-14	15.9	709
156	Integration of metabolism and inflammation by lipid-activated nuclear receptors. *Nature*, **2008**, 454, 470-7	50.4	608
155	Direct and indirect mechanisms for regulation of fatty acid synthase gene expression by liver X receptors. *Journal of Biological Chemistry*, **2002**, 277, 11019-25	5.4	570
154	LXR regulates cholesterol uptake through Idol-dependent ubiquitination of the LDL receptor. *Science*, **2009**, 325, 100-4	33.3	532
153	Liver X receptor signaling pathways in cardiovascular disease. *Molecular Endocrinology*, **2003**, 17, 985-93		530
152	Activators of the nuclear receptor PPARgamma enhance colon polyp formation. *Nature Medicine*, **1998**, 4, 1058-61	50.5	514
151	Transcriptional integration of metabolism by the nuclear sterol-activated receptors LXR and FXR. *Nature Reviews Molecular Cell Biology*, **2012**, 13, 213-24	48.7	506

150	LXR signaling couples sterol metabolism to proliferation in the acquired immune response. *Cell*, **2008**, 134, 97-111	56.2	481
149	Apoptotic cells promote their own clearance and immune tolerance through activation of the nuclear receptor LXR. *Immunity*, **2009**, 31, 245-58	32.3	456
148	LXR-dependent gene expression is important for macrophage survival and the innate immune response. *Cell*, **2004**, 119, 299-309	56.2	434
147	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
146	Crosstalk between LXR and toll-like receptor signaling mediates bacterial and viral antagonism of cholesterol metabolism. *Molecular Cell*, **2003**, 12, 805-16	17.6	391
145	Liver X receptors in lipid metabolism: opportunities for drug discovery. *Nature Reviews Drug Discovery*, **2014**, 13, 433-44	64.1	385
144	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
143	Adipocyte-specific transcription factor ARF6 is a heterodimeric complex of two nuclear hormone receptors, PPAR gamma and RXR alpha. *Nucleic Acids Research*, **1994**, 22, 5628-34	20.1	318
142	Autoregulation of the human liver X receptor alpha promoter. *Molecular and Cellular Biology*, **2001**, 21, 7558-68	4.8	275
141	Role for peroxisome proliferator-activated receptor alpha in oxidized phospholipid-induced synthesis of monocyte chemotactic protein-1 and interleukin-8 by endothelial cells. *Circulation Research*, **2000**, 87, 516-21	15.7	266
140	Attenuation of neuroinflammation and Alzheimer‾s disease pathology by liver x receptors. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 10601-6	11.5	262
139	An LXR agonist promotes glioblastoma cell death through inhibition of an EGFR/AKT/SREBP-1/LDLR-dependent pathway. *Cancer Discovery*, **2011**, 1, 442-56	24.4	258
138	Liver X receptor-dependent repression of matrix metalloproteinase-9 expression in macrophages. *Journal of Biological Chemistry*, **2003**, 278, 10443-9	5.4	255
137	The TMAO-Generating Enzyme Flavin Monooxygenase 3 Is a Central Regulator of Cholesterol Balance. *Cell Reports*, **2015**, 10, 326-338	10.6	244
136	Nuclear receptors in macrophage biology: at the crossroads of lipid metabolism and inflammation. *Annual Review of Cell and Developmental Biology*, **2004**, 20, 455-80	12.6	243
135	A role for the apoptosis inhibitory factor AIM/Spalpha/Api6 in atherosclerosis development. *Cell Metabolism*, **2005**, 1, 201-13	24.6	224
134	Liver x receptor signaling pathways and atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1513-8	9.4	220
133	Ligand activation of LXR beta reverses atherosclerosis and cellular cholesterol overload in mice lacking LXR alpha and apoE. *Journal of Clinical Investigation*, **2007**, 117, 2337-46	15.9	217

132	Liver X receptors in lipid signalling and membrane homeostasis. *Nature Reviews Endocrinology*, **2018**, 14, 452-463	15.2	213
131	Induction of NR4A orphan nuclear receptor expression in macrophages in response to inflammatory stimuli. *Journal of Biological Chemistry*, **2005**, 280, 29256-62	5.4	201
130	LXRs regulate ER stress and inflammation through dynamic modulation of membrane phospholipid composition. *Cell Metabolism*, **2013**, 18, 685-97	24.6	194
129	Nuclear receptors in lipid metabolism: targeting the heart of dyslipidemia. *Annual Review of Medicine*, **2006**, 57, 313-29	17.4	184
128	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
127	LXRs link metabolism to inflammation through Abca1-dependent regulation of membrane composition and TLR signaling. *ELife*, **2015**, 4, e08009	8.9	173
126	Regulation of macrophage inflammatory gene expression by the orphan nuclear receptor Nur77. *Molecular Endocrinology*, **2006**, 20, 786-94		159
125	The small molecule harmine is an antidiabetic cell-type-specific regulator of PPARgamma expression. *Cell Metabolism*, **2007**, 5, 357-70	24.6	155
124	Impaired development of atherosclerosis in hyperlipidemic Ldlr-/- and ApoE-/- mice transplanted with Abcg1-/- bone marrow. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 2301-7	9.4	153
123	An LXR-Cholesterol Axis Creates a Metabolic Co-Dependency for Brain Cancers. *Cancer Cell*, **2016**, 30, 683-693	24.3	149
122	Long Noncoding RNA Discovery in Cardiovascular Disease: Decoding Form to Function. *Circulation Research*, **2018**, 122, 155-166	15.7	148
121	Phospholipid Remodeling and Cholesterol Availability Regulate Intestinal Stemness and Tumorigenesis. *Cell Stem Cell*, **2018**, 22, 206-220.e4	18	139
120	Feedback modulation of cholesterol metabolism by the lipid-responsive non-coding RNA LeXis. *Nature*, **2016**, 534, 124-8	50.4	137
119	LXR promotes the maximal egress of monocyte-derived cells from mouse aortic plaques during atherosclerosis regression. *Journal of Clinical Investigation*, **2010**, 120, 4415-24	15.9	135
118	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
117	Before they were fat: adipocyte progenitors. *Cell Metabolism*, **2008**, 8, 454-7	24.6	129
116	Genetic architecture of insulin resistance in the mouse. *Cell Metabolism*, **2015**, 21, 334-347	24.6	126
115	Transcriptional regulation of macrophage cholesterol efflux and atherogenesis by a long noncoding RNA. *Nature Medicine*, **2018**, 24, 304-312	50.5	123

114	Skeletal muscle action of estrogen receptor is critical for the maintenance of mitochondrial function and metabolic homeostasis in females. *Science Translational Medicine*, **2016**, 8, 334ra54	17.5	117
113	Aster Proteins Facilitate Nonvesicular Plasma Membrane to ER Cholesterol Transport in Mammalian Cells. *Cell*, **2018**, 175, 514-529.e20	56.2	116
112	Adipose subtype-selective recruitment of TLE3 or Prdm16 by PPAR specifies lipid storage versus thermogenic gene programs. *Cell Metabolism*, **2013**, 17, 423-35	24.6	110
111	Phospholipid Remodeling in Physiology and Disease. *Annual Review of Physiology*, **2019**, 81, 165-188	23.1	103
110	The GPIHBP1-LPL complex is responsible for the margination of triglyceride-rich lipoproteins in capillaries. *Cell Metabolism*, **2014**, 19, 849-60	24.6	101
109	The E3 ubiquitin ligase IDOL induces the degradation of the low density lipoprotein receptor family members VLDLR and ApoER2. *Journal of Biological Chemistry*, **2010**, 285, 19720-6	5.4	100
108	Reciprocal regulation of hepatic and adipose lipogenesis by liver X receptors in obesity and insulin resistance. *Cell Metabolism*, **2013**, 18, 106-17	24.6	99
107	TLE3 is a dual-function transcriptional coregulator of adipogenesis. *Cell Metabolism*, **2011**, 13, 413-427	24.6	95
106	Lipins, lipinopathies, and the modulation of cellular lipid storage and signaling. *Progress in Lipid Research*, **2013**, 52, 305-16	14.3	94
105	Coordinate regulation of neutrophil homeostasis by liver X receptors in mice. *Journal of Clinical Investigation*, **2012**, 122, 337-47	15.9	94
104	Lpcat3-dependent production of arachidonoyl phospholipids is a key determinant of triglyceride secretion. *ELife*, **2015**, 4,	8.9	94
103	Liver X receptor signaling is a determinant of stellate cell activation and susceptibility to fibrotic liver disease. *Gastroenterology*, **2011**, 140, 1052-62	13.3	93
102	Liver X receptors are regulators of adipocyte gene expression but not differentiation: identification of apoD as a direct target. *Journal of Lipid Research*, **2004**, 45, 616-25	6.3	89
101	Autoantibodies against GPIHBP1 as a Cause of Hypertriglyceridemia. *New England Journal of Medicine*, **2017**, 376, 1647-1658	59.2	87
100	Liver X receptors at the intersection of lipid metabolism and atherogenesis. *Atherosclerosis*, **2015**, 242, 29-36	3.1	85
99	Feedback regulation of cholesterol uptake by the LXR-IDOL-LDLR axis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2541-6	9.4	78
98	The peroxisome proliferator-activated receptor N-terminal domain controls isotype-selective gene expression and adipogenesis. *Molecular Endocrinology*, **2006**, 20, 1261-75		77
97	IL-10 Signaling Remodels Adipose Chromatin Architecture to Limit Thermogenesis and Energy Expenditure. *Cell*, **2018**, 172, 218-233.e17	56.2	74

96	The arginase II gene is an anti-inflammatory target of liver X receptor in macrophages. *Journal of Biological Chemistry*, **2006**, 281, 32197-206	5.4	73
95	Intestinal Phospholipid Remodeling Is Required for Dietary-Lipid Uptake and Survival on a High-Fat Diet. *Cell Metabolism*, **2016**, 23, 492-504	24.6	72
94	MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. *Nature Communications*, **2014**, 5, 3147	17.4	69
93	Endothelial NOTCH1 is suppressed by circulating lipids and antagonizes inflammation during atherosclerosis. *Journal of Experimental Medicine*, **2015**, 212, 2147-63	16.6	66
92	The IDOL-UBE2D complex mediates sterol-dependent degradation of the LDL receptor. *Genes and Development*, **2011**, 25, 1262-74	12.6	62
91	Identification of a fat cell enhancer: analysis of requirements for adipose tissue-specific gene expression. *Journal of Cellular Biochemistry*, **1992**, 49, 219-24	4.7	62
90	Single cell analysis reveals immune cell-adipocyte crosstalk regulating the transcription of thermogenic adipocytes. *ELife*, **2019**, 8,	8.9	61
89	Cholesterol Accumulation in CD11c Immune Cells Is a Causal and Targetable Factor in Autoimmune Disease. *Immunity*, **2016**, 45, 1311-1326	32.3	61
88	The LXR-Idol axis differentially regulates plasma LDL levels in primates and mice. *Cell Metabolism*, **2014**, 20, 910-918	24.6	60
87	High-resolution imaging and quantification of plasma membrane cholesterol by NanoSIMS. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 2000-2005	11.5	59
86	Targeted disruption of the idol gene alters cellular regulation of the low-density lipoprotein receptor by sterols and liver x receptor agonists. *Molecular and Cellular Biology*, **2011**, 31, 1885-93	4.8	53
85	N-Acylthiadiazolines, a new class of liver X receptor agonists with selectivity for LXRbeta. *Journal of Medicinal Chemistry*, **2007**, 50, 4255-9	8.3	53
84	Inter-organ cross-talk in metabolic syndrome. *Nature Metabolism*, **2019**, 1, 1177-1188	14.6	53
83	IDOL stimulates clathrin-independent endocytosis and multivesicular body-mediated lysosomal degradation of the low-density lipoprotein receptor. *Molecular and Cellular Biology*, **2013**, 33, 1503-14	4.8	52
82	A nuclear receptor corepressor-dependent pathway mediates suppression of cytokine-induced C-reactive protein gene expression by liver X receptor. *Circulation Research*, **2006**, 99, e88-99	15.7	52
81	Transcription of the vascular endothelial growth factor gene in macrophages is regulated by liver X receptors. *Journal of Biological Chemistry*, **2004**, 279, 9905-11	5.4	50
80	Progesterone receptor in the vascular endothelium triggers physiological uterine permeability preimplantation. *Cell*, **2014**, 156, 549-62	56.2	49
79	Estrogen receptor (ER)‐regulated lipocalin 2 expression in adipose tissue links obesity with breast cancer progression. *Journal of Biological Chemistry*, **2015**, 290, 5566-81	5.4	49

78	Bone marrow NR4A expression is not a dominant factor in the development of atherosclerosis or macrophage polarization in mice. *Journal of Lipid Research*, **2013**, 54, 806-815	6.3	48
77	Phosphorylation of the liver X receptors. *FEBS Letters*, **2006**, 580, 4835-41	3.8	47
76	Small Molecule-Induced Complement Factor D (Adipsin) Promotes Lipid Accumulation and Adipocyte Differentiation. *PLoS ONE*, **2016**, 11, e0162228	3.7	46
75	Regulation of macrophage gene expression by peroxisome-proliferator-activated receptor gamma: implications for cardiovascular disease. *Current Opinion in Lipidology*, **1999**, 10, 485-90	4.4	45
74	Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. *Cell Metabolism*, **2020**, 31, 969-986.e7	24.6	44
73	Constitutive activation of LXR in macrophages regulates metabolic and inflammatory gene expression: identification of ARL7 as a direct target. *Journal of Lipid Research*, **2011**, 52, 531-9	6.3	44
72	The N342S MYLIP polymorphism is associated with high total cholesterol and increased LDL receptor degradation in humans. *Journal of Clinical Investigation*, **2011**, 121, 3062-71	15.9	44
71	ER phospholipid composition modulates lipogenesis during feeding and in obesity. *Journal of Clinical Investigation*, **2017**, 127, 3640-3651	15.9	40
70	NanoSIMS Analysis of Intravascular Lipolysis and Lipid Movement across Capillaries and into Cardiomyocytes. *Cell Metabolism*, **2018**, 27, 1055-1066.e3	24.6	38
69	FERM-dependent E3 ligase recognition is a conserved mechanism for targeted degradation of lipoprotein receptors. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 20107-12	11.5	38
68	Long Noncoding RNA Facilitated Gene Therapy Reduces Atherosclerosis in a Murine Model of Familial Hypercholesterolemia. *Circulation*, **2017**, 136, 776-778	16.7	37
67	Identification and characterization of two alternatively spliced transcript variants of human liver X receptor alpha. *Journal of Lipid Research*, **2005**, 46, 2570-9	6.3	37
66	Both K63 and K48 ubiquitin linkages signal lysosomal degradation of the LDL receptor. *Journal of Lipid Research*, **2013**, 54, 1410-20	6.3	35
65	Critical Roles of the Histone Methyltransferase MLL4/KMT2D in Murine Hepatic Steatosis Directed by ABL1 and PPAR□. *Cell Reports*, **2016**, 17, 1671-1682	10.6	33
64	Retinoid X receptor □attenuates host antiviral response by suppressing type I interferon. *Nature Communications*, **2014**, 5, 5494	17.4	32
63	LXR□s uniquely required for maximal reverse cholesterol transport and atheroprotection in ApoE-deficient mice. *Journal of Lipid Research*, **2012**, 53, 1126-33	6.3	32
62	Estrogen receptor □controls metabolism in white and brown adipocytes by regulating and mitochondrial remodeling. *Science Translational Medicine*, **2020**, 12,	17.5	32
61	Prdm4 induction by the small molecule butein promotes white adipose tissue browning. *Nature Chemical Biology*, **2016**, 12, 479-81	11.7	32

60	Palmoplantar keratoderma along with neuromuscular and metabolic phenotypes in Slurp1-deficient mice. *Journal of Investigative Dermatology*, **2014**, 134, 1589-1598	4.3	31
59	Interferon-mediated reprogramming of membrane cholesterol to evade bacterial toxins. *Nature Immunology*, **2020**, 21, 746-755	19.1	30
58	A Strategy for Discovery of Endocrine Interactions with Application to Whole-Body Metabolism. *Cell Metabolism*, **2018**, 27, 1138-1155.e6	24.6	30
57	Adopting new orphans into the family of metabolic regulators. *Molecular Endocrinology*, **2008**, 22, 1743-53		30
56	The orphan nuclear receptor Nur77 is a determinant of myofiber size and muscle mass in mice. *Molecular and Cellular Biology*, **2015**, 35, 1125-38	4.8	29
55	The small molecule phenamil is a modulator of adipocyte differentiation and PPARgamma expression. *Journal of Lipid Research*, **2010**, 51, 2775-84	6.3	29
54	The E3 ubiquitin ligase Idol controls brain LDL receptor expression, ApoE clearance, and A amyloidosis. *Science Translational Medicine*, **2015**, 7, 314ra184	17.5	26
53	Eosinophils in fat: pink is the new brown. *Cell*, **2014**, 157, 1249-1250	56.2	26
52	Dietary cholesterol promotes adipocyte hypertrophy and adipose tissue inflammation in visceral, but not in subcutaneous, fat in monkeys. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 1880-7	9.4	26
51	KDM4B protects against obesity and metabolic dysfunction. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5566-E5575	11.5	26
50	Macrophages release plasma membrane-derived particles rich in accessible cholesterol. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E8499-E8508	11.5	25
49	Vestigial-like 3 is an inhibitor of adipocyte differentiation. *Journal of Lipid Research*, **2013**, 54, 473-81	6.3	25
48	Inhibition of cholesterol biosynthesis through RNF145-dependent ubiquitination of SCAP. *ELife*, **2017**, 6,	8.9	24
47	LXR deficiency confers increased protection against visceral Leishmania infection in mice. *PLoS Neglected Tropical Diseases*, **2010**, 4, e886	4.8	23
46	Orphan nuclear receptors find a home in the arterial wall. *Current Atherosclerosis Reports*, **2002**, 4, 213-21	6	21
45	The macrophage LBP gene is an LXR target that promotes macrophage survival and atherosclerosis. *Journal of Lipid Research*, **2014**, 55, 1120-30	6.3	20
44	RNA-binding protein PSPC1 promotes the differentiation-dependent nuclear export of adipocyte RNAs. *Journal of Clinical Investigation*, **2017**, 127, 987-1004	15.9	20
43	Liver X Receptor Nuclear Receptors Are Transcriptional Regulators of Dendritic Cell Chemotaxis. *Molecular and Cellular Biology*, **2018**, 38,	4.8	19

42	Common and Differential Transcriptional Actions of Nuclear Receptors Liver X Receptors and in Macrophages. *Molecular and Cellular Biology*, **2019**, 39,	4.8	19
41	Transgenic expression of dominant-active IDOL in liver causes diet-induced hypercholesterolemia and atherosclerosis in mice. *Circulation Research*, **2014**, 115, 442-9	15.7	18
40	Genome-wide association studies identify new targets in cardiovascular disease. *Science Translational Medicine*, **2010**, 2, 48ps46	17.5	18
39	Lipin 2/3 phosphatidic acid phosphatases maintain phospholipid homeostasis to regulate chylomicron synthesis. *Journal of Clinical Investigation*, **2019**, 129, 281-295	15.9	18
38	Aster Proteins Regulate the Accessible Cholesterol Pool in the Plasma Membrane. *Molecular and Cellular Biology*, **2020**, 40,	4.8	18
37	Vascular endothelium plays a key role in directing pulmonary epithelial cell differentiation. *Journal of Cell Biology*, **2017**, 216, 3369-3385	7.3	17
36	Release of cholesterol-rich particles from the macrophage plasma membrane during movement of filopodia and lamellipodia. *ELife*, **2019**, 8,	8.9	17
35	Loss of TLE3 promotes the mitochondrial program in beige adipocytes and improves glucose metabolism. *Genes and Development*, **2019**, 33, 747-762	12.6	15
34	The E3 ubiquitin ligase IDOL regulates synaptic ApoER2 levels and is important for plasticity and learning. *ELife*, **2017**, 6,	8.9	14
33	Palmoplantar Keratoderma in Slurp2-Deficient Mice. *Journal of Investigative Dermatology*, **2016**, 136, 436-443	4.3	14
32	Peroxisome proliferator-activated receptor gamma dances with different partners in macrophage and adipocytes. *Molecular and Cellular Biology*, **2010**, 30, 2076-7	4.8	12
31	LXRs regulate features of age-related macular degeneration and may be a potential therapeutic target. *JCI Insight*, **2020**, 5,	9.9	11
30	Lysophospholipid acylation modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle. *Journal of Clinical Investigation*, **2021**, 131,	15.9	11
29	Transgenic tomatoes expressing the 6F peptide and ezetimibe prevent diet-induced increases of IFN- and cholesterol 25-hydroxylase in jejunum. *Journal of Lipid Research*, **2017**, 58, 1636-1647	6.3	10
28	LDL Receptor Pathway Regulation by miR-224 and miR-520d. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 81	5.4	9
27	Cultured macrophages transfer surplus cholesterol into adjacent cells in the absence of serum or high-density lipoproteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 10476-10483	11.5	9
26	A Novel Type 2 Diabetes Mouse Model of Combined Diabetic Kidney Disease and Atherosclerosis. *American Journal of Pathology*, **2018**, 188, 343-352	5.8	9
25	Hepatic transcriptional responses to fasting and feeding. *Genes and Development*, **2021**, 35, 635-657	12.6	9

24	Noggin depletion in adipocytes promotes obesity in mice. *Molecular Metabolism*, **2019**, 25, 50-63	8.8	8
23	NanoSIMS imaging reveals unexpected heterogeneity in nutrient uptake by brown adipocytes. *Biochemical and Biophysical Research Communications*, **2018**, 504, 899-902	3.4	8
22	ABHD12 and LPCAT3 Interplay Regulates a Lyso-phosphatidylserine-C20:4 Phosphatidylserine Lipid Network Implicated in Neurological Disease. *Biochemistry*, **2020**, 59, 1793-1799	3.2	7
21	Selective Aster inhibitors distinguish vesicular and nonvesicular sterol transport mechanisms. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	6
20	PON2 Deficiency Leads to Increased Susceptibility to Diet-Induced Obesity. *Antioxidants*, **2019**, 8,	7.1	5
19	Therapeutic IDOL Reduction Ameliorates Amyloidosis and Improves Cognitive Function in APP/PS1 Mice. *Molecular and Cellular Biology*, **2020**, 40,	4.8	5
18	IDOL regulates systemic energy balance through control of neuronal VLDLR expression. *Nature Metabolism*, **2019**, 1, 1089-1100	14.6	5
17	LXR: A nuclear receptor target for cardiovascular disease?. *Drug Discovery Today: Therapeutic Strategies*, **2005**, 2, 97-103		4
16	Author response: Single cell analysis reveals immune cell–adipocyte crosstalk regulating the transcription of thermogenic adipocytes **2019**,		4
15	Author response: Lpcat3-dependent production of arachidonoyl phospholipids is a key determinant of triglyceride secretion **2015**,		3
14	Pioneering EBF2 remodels the brown fat chromatin landscape. *Genes and Development*, **2017**, 31, 632-633	12.6	2
13	Enhanced thermogenesis in the blinc of an eye. *Molecular Cell*, **2014**, 55, 343-4	17.6	2
12	SUMOylation places LRH-1 in PROXimity to lipid metabolism. *Cell Metabolism*, **2014**, 20, 558-9	24.6	1
11	Integrative analysis reveals multiple modes of LXR transcriptional regulation in liver.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	1
10	The Lands cycle modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle		1
9	Amiloride Derivative Phenamil Restricts Long Bone Growth in Broilers in Conjunction with Zinc Accumulation. *FASEB Journal*, **2013**, 27, 1084.1	0.9	1
8	NOTUM promotes thermogenic capacity and protects against diet-induced obesity in male mice. *Scientific Reports*, **2021**, 11, 16409	4.9	1
7	Phenamil, an amiloride derivative, restricts long bone growth and alters keeled-sternum bone architecture in growing chickens. *Poultry Science*, **2017**, 96, 2471-2479	3.9	0

6	sLRP1ng Up Glucose: LRP1 Regulates Hepatic Insulin Responses. *EBioMedicine*, **2016**, 7, 17-8	8.8	0
5	USP20 links feeding-induced cholesterol synthesis and energy expenditure. *Science China Life Sciences*, **2021**, 64, 337-338	8.5	0
4	Brap regulates liver morphology and hepatocyte turnover via modulation of the Hippo pathway.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2201859119	11.5	0
3	Linking metabolism to immunity through PPAR *Blood*, **2007**, 110, 3092-3093	2.2	
2	Nuclear receptors at the crossroads of lipid metabolism and inflammation. *FASEB Journal*, **2006**, 20, A454	0.9	
1	Lnc-ing microRNA activity to atheroprotection. *Nature Metabolism*, **2019**, 1, 10-11	14.6	