# Peter Tontonoz

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 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 | 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 |
| 166 | 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 |
| 165 | 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 |
| 164 | Lysophospholipid acylation modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle. *Journal of Clinical Investigation*, **2021**, 131, | 15.9 | 11 |
| 163 | Hepatic transcriptional responses to fasting and feeding. *Genes and Development*, **2021**, 35, 635-657 | 12.6 | 9 |
| 162 | USP20 links feeding-induced cholesterol synthesis and energy expenditure. *Science China Life Sciences*, **2021**, 64, 337-338 | 8.5 | 0 |
| 161 | NOTUM promotes thermogenic capacity and protects against diet-induced obesity in male mice. *Scientific Reports*, **2021**, 11, 16409 | 4.9 | 1 |
| 160 | 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 |
| 159 | Interferon-mediated reprogramming of membrane cholesterol to evade bacterial toxins. *Nature Immunology*, **2020**, 21, 746-755 | 19.1 | 30 |
| 158 | LDL Receptor Pathway Regulation by miR-224 and miR-520d. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 81 | 5.4 | 9 |
| 157 | Therapeutic IDOL Reduction Ameliorates Amyloidosis and Improves Cognitive Function in APP/PS1 Mice. *Molecular and Cellular Biology*, **2020**, 40, | 4.8 | 5 |
| 156 | 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 |
| 155 | Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. *Cell Metabolism*, **2020**, 31, 969-986.e7 | 24.6 | 44 |
| 154 | LXRs regulate features of age-related macular degeneration and may be a potential therapeutic target. *JCI Insight*, **2020**, 5, | 9.9 | 11 |
| 153 | Estrogen receptor □ controls metabolism in white and brown adipocytes by regulating and mitochondrial remodeling. *Science Translational Medicine*, **2020**, 12, | 17.5 | 32 |
| 152 | Aster Proteins Regulate the Accessible Cholesterol Pool in the Plasma Membrane. *Molecular and Cellular Biology*, **2020**, 40, | 4.8 | 18 |
| 151 | PON2 Deficiency Leads to Increased Susceptibility to Diet-Induced Obesity. *Antioxidants*, **2019**, 8, | 7.1 | 5 |

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| 150 | Loss of TLE3 promotes the mitochondrial program in beige adipocytes and improves glucose metabolism. *Genes and Development*, **2019**, 33, 747-762 | 12.6 | 15 |
| 149 | Noggin depletion in adipocytes promotes obesity in mice. *Molecular Metabolism*, **2019**, 25, 50-63 | 8.8 | 8 |
| 148 | Lipin 2/3 phosphatidic acid phosphatases maintain phospholipid homeostasis to regulate chylomicron synthesis. *Journal of Clinical Investigation*, **2019**, 129, 281-295 | 15.9 | 18 |
| 147 | Single cell analysis reveals immune cell-adipocyte crosstalk regulating the transcription of thermogenic adipocytes. *ELife*, **2019**, 8, | 8.9 | 61 |
| 146 | Author response: Single cell analysis reveals immune cell□adipocyte crosstalk regulating the transcription of thermogenic adipocytes **2019**, | | 4 |
| 145 | Release of cholesterol-rich particles from the macrophage plasma membrane during movement of filopodia and lamellipodia. *ELife*, **2019**, 8, | 8.9 | 17 |
| 144 | Inter-organ cross-talk in metabolic syndrome. *Nature Metabolism*, **2019**, 1, 1177-1188 | 14.6 | 53 |
| 143 | IDOL regulates systemic energy balance through control of neuronal VLDLR expression. *Nature Metabolism*, **2019**, 1, 1089-1100 | 14.6 | 5 |
| 142 | Common and Differential Transcriptional Actions of Nuclear Receptors Liver X Receptors □and □in Macrophages. *Molecular and Cellular Biology*, **2019**, 39, | 4.8 | 19 |
| 141 | Phospholipid Remodeling in Physiology and Disease. *Annual Review of Physiology*, **2019**, 81, 165-188 | 23.1 | 103 |
| 140 | Lnc-ing microRNA activity to atheroprotection. *Nature Metabolism*, **2019**, 1, 10-11 | 14.6 | |
| 139 | Liver X Receptor Nuclear Receptors Are Transcriptional Regulators of Dendritic Cell Chemotaxis. *Molecular and Cellular Biology*, **2018**, 38, | 4.8 | 19 |
| 138 | Phospholipid Remodeling and Cholesterol Availability Regulate Intestinal Stemness and Tumorigenesis. *Cell Stem Cell*, **2018**, 22, 206-220.e4 | 18 | 139 |
| 137 | Transcriptional regulation of macrophage cholesterol efflux and atherogenesis by a long noncoding RNA. *Nature Medicine*, **2018**, 24, 304-312 | 50.5 | 123 |
| 136 | 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 |
| 135 | Long Noncoding RNA Discovery in Cardiovascular Disease: Decoding Form to Function. *Circulation Research*, **2018**, 122, 155-166 | 15.7 | 148 |
| 134 | A Strategy for Discovery of Endocrine Interactions with Application to Whole-Body Metabolism. *Cell Metabolism*, **2018**, 27, 1138-1155.e6 | 24.6 | 30 |
| 133 | NanoSIMS Analysis of Intravascular Lipolysis and Lipid Movement across Capillaries and into Cardiomyocytes. *Cell Metabolism*, **2018**, 27, 1055-1066.e3 | 24.6 | 38 |

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| 132 | 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 |
| 131 | Liver X receptors in lipid signalling and membrane homeostasis. *Nature Reviews Endocrinology*, **2018**, 14, 452-463 | 15.2 | 213 |
| 130 | IL-10 Signaling Remodels Adipose Chromatin Architecture to Limit Thermogenesis and Energy Expenditure. *Cell*, **2018**, 172, 218-233.e17 | 56.2 | 74 |
| 129 | NanoSIMS imaging reveals unexpected heterogeneity in nutrient uptake by brown adipocytes. *Biochemical and Biophysical Research Communications*, **2018**, 504, 899-902 | 3.4 | 8 |
| 128 | Aster Proteins Facilitate Nonvesicular Plasma Membrane to ER Cholesterol Transport in Mammalian Cells. *Cell*, **2018**, 175, 514-529.e20 | 56.2 | 116 |
| 127 | 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 |
| 126 | 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 |
| 125 | Pioneering EBF2 remodels the brown fat chromatin landscape. *Genes and Development*, **2017**, 31, 632-633 | 12.6 | 2 |
| 124 | Autoantibodies against GPIHBP1 as a Cause of Hypertriglyceridemia. *New England Journal of Medicine*, **2017**, 376, 1647-1658 | 59.2 | 87 |
| 123 | Long Noncoding RNA Facilitated Gene Therapy Reduces Atherosclerosis in a Murine Model of Familial Hypercholesterolemia. *Circulation*, **2017**, 136, 776-778 | 16.7 | 37 |
| 122 | Vascular endothelium plays a key role in directing pulmonary epithelial cell differentiation. *Journal of Cell Biology*, **2017**, 216, 3369-3385 | 7.3 | 17 |
| 121 | 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 |
| 120 | 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 |
| 119 | Inhibition of cholesterol biosynthesis through RNF145-dependent ubiquitination of SCAP. *ELife*, **2017**, 6, | 8.9 | 24 |
| 118 | RNA-binding protein PSPC1 promotes the differentiation-dependent nuclear export of adipocyte RNAs. *Journal of Clinical Investigation*, **2017**, 127, 987-1004 | 15.9 | 20 |
| 117 | ER phospholipid composition modulates lipogenesis during feeding and in obesity. *Journal of Clinical Investigation*, **2017**, 127, 3640-3651 | 15.9 | 40 |
| 116 | The E3 ubiquitin ligase IDOL regulates synaptic ApoER2 levels and is important for plasticity and learning. *ELife*, **2017**, 6, | 8.9 | 14 |
| 115 | Skeletal muscle action of estrogen receptor □s critical for the maintenance of mitochondrial function and metabolic homeostasis in females. *Science Translational Medicine*, **2016**, 8, 334ra54 | 17.5 | 117 |

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|---|---|---|---|
| 114 | 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 |
| 113 | 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 |
| 112 | Small Molecule-Induced Complement Factor D (Adipsin) Promotes Lipid Accumulation and Adipocyte Differentiation. *PLoS ONE*, **2016**, 11, e0162228 | 3.7 | 46 |
| 111 | Cholesterol Accumulation in CD11c Immune Cells Is a Causal and Targetable Factor in Autoimmune Disease. *Immunity*, **2016**, 45, 1311-1326 | 32.3 | 61 |
| 110 | Palmoplantar Keratoderma in Slurp2-Deficient Mice. *Journal of Investigative Dermatology*, **2016**, 136, 436-443 | 4.3 | 14 |
| 109 | Prdm4 induction by the small molecule butein promotes white adipose tissue browning. *Nature Chemical Biology*, **2016**, 12, 479-81 | 11.7 | 32 |
| 108 | Feedback modulation of cholesterol metabolism by the lipid-responsive non-coding RNA LeXis. *Nature*, **2016**, 534, 124-8 | 50.4 | 137 |
| 107 | An LXR-Cholesterol Axis Creates a Metabolic Co-Dependency for Brain Cancers. *Cancer Cell*, **2016**, 30, 683-693 | 24.3 | 149 |
| 106 | sLRP1ng Up Glucose: LRP1 Regulates Hepatic Insulin Responses. *EBioMedicine*, **2016**, 7, 17-8 | 8.8 | 0 |
| 105 | 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 |
| 104 | Liver X receptors at the intersection of lipid metabolism and atherogenesis. *Atherosclerosis*, **2015**, 242, 29-36 | 3.1 | 85 |
| 103 | The E3 ubiquitin ligase Idol controls brain LDL receptor expression, ApoE clearance, and A□ amyloidosis. *Science Translational Medicine*, **2015**, 7, 314ra184 | 17.5 | 26 |
| 102 | Endothelial NOTCH1 is suppressed by circulating lipids and antagonizes inflammation during atherosclerosis. *Journal of Experimental Medicine*, **2015**, 212, 2147-63 | 16.6 | 66 |
| 101 | LXRs link metabolism to inflammation through Abca1-dependent regulation of membrane composition and TLR signaling. *ELife*, **2015**, 4, e08009 | 8.9 | 173 |
| 100 | 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 |
| 99 | The TMAO-Generating Enzyme Flavin Monooxygenase 3 Is a Central Regulator of Cholesterol Balance. *Cell Reports*, **2015**, 10, 326-338 | 10.6 | 244 |
| 98 | Genetic architecture of insulin resistance in the mouse. *Cell Metabolism*, **2015**, 21, 334-347 | 24.6 | 126 |
| 97 | Lpcat3-dependent production of arachidonoyl phospholipids is a key determinant of triglyceride secretion. *ELife*, **2015**, 4, | 8.9 | 94 |

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| 96 | Author response: Lpcat3-dependent production of arachidonoyl phospholipids is a key determinant of triglyceride secretion **2015**, | | 3 |
| 95 | Liver X receptors in lipid metabolism: opportunities for drug discovery. *Nature Reviews Drug Discovery*, **2014**, 13, 433-44 | 64.1 | 385 |
| 94 | The LXR-Idol axis differentially regulates plasma LDL levels in primates and mice. *Cell Metabolism*, **2014**, 20, 910-918 | 24.6 | 60 |
| 93 | MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. *Nature Communications*, **2014**, 5, 3147 | 17.4 | 69 |
| 92 | Palmoplantar keratoderma along with neuromuscular and metabolic phenotypes in Slurp1-deficient mice. *Journal of Investigative Dermatology*, **2014**, 134, 1589-1598 | 4.3 | 31 |
| 91 | 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 |
| 90 | Enhanced thermogenesis in the blinc of an eye. *Molecular Cell*, **2014**, 55, 343-4 | 17.6 | 2 |
| 89 | SUMOylation places LRH-1 in PROXimity to lipid metabolism. *Cell Metabolism*, **2014**, 20, 558-9 | 24.6 | 1 |
| 88 | Progesterone receptor in the vascular endothelium triggers physiological uterine permeability preimplantation. *Cell*, **2014**, 156, 549-62 | 56.2 | 49 |
| 87 | Eosinophils in fat: pink is the new brown. *Cell*, **2014**, 157, 1249-1250 | 56.2 | 26 |
| 86 | Retinoid X receptor attenuates host antiviral response by suppressing type I interferon. *Nature Communications*, **2014**, 5, 5494 | 17.4 | 32 |
| 85 | 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 |
| 84 | 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 |
| 83 | The GPIHBP1-LPL complex is responsible for the margination of triglyceride-rich lipoproteins in capillaries. *Cell Metabolism*, **2014**, 19, 849-60 | 24.6 | 101 |
| 82 | 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 |
| 81 | LXRs regulate ER stress and inflammation through dynamic modulation of membrane phospholipid composition. *Cell Metabolism*, **2013**, 18, 685-97 | 24.6 | 194 |
| 80 | Lipins, lipinopathies, and the modulation of cellular lipid storage and signaling. *Progress in Lipid Research*, **2013**, 52, 305-16 | 14.3 | 94 |
| 79 | 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 |

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|---|---|---|---|
| 78 | 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 |
| 77 | Vestigial-like 3 is an inhibitor of adipocyte differentiation. *Journal of Lipid Research*, **2013**, 54, 473-81 | 6.3 | 25 |
| 76 | 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 |
| 75 | Both K63 and K48 ubiquitin linkages signal lysosomal degradation of the LDL receptor. *Journal of Lipid Research*, **2013**, 54, 1410-20 | 6.3 | 35 |
| 74 | Amiloride Derivative Phenamil Restricts Long Bone Growth in Broilers in Conjunction with Zinc Accumulation. *FASEB Journal*, **2013**, 27, 1084.1 | 0.9 | 1 |
| 73 | Feedback regulation of cholesterol uptake by the LXR-IDOL-LDLR axis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2541-6 | 9.4 | 78 |
| 72 | 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 |
| 71 | 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 |
| 70 | Coordinate regulation of neutrophil homeostasis by liver X receptors in mice. *Journal of Clinical Investigation*, **2012**, 122, 337-47 | 15.9 | 94 |
| 69 | 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 |
| 68 | TLE3 is a dual-function transcriptional coregulator of adipogenesis. *Cell Metabolism*, **2011**, 13, 413-427 | 24.6 | 95 |
| 67 | 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 |
| 66 | 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 |
| 65 | 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 |
| 64 | 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 |
| 63 | The IDOL-UBE2D complex mediates sterol-dependent degradation of the LDL receptor. *Genes and Development*, **2011**, 25, 1262-74 | 12.6 | 62 |
| 62 | 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 |
| 61 | Peroxisome proliferator-activated receptor gamma dances with different partners in macrophage and adipocytes. *Molecular and Cellular Biology*, **2010**, 30, 2076-7 | 4.8 | 12 |

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|---|---|---|---|
| 60 | 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 |
| 59 | LXR deficiency confers increased protection against visceral Leishmania infection in mice. *PLoS Neglected Tropical Diseases*, **2010**, 4, e886 | 4.8 | 23 |
| 58 | The small molecule phenamil is a modulator of adipocyte differentiation and PPARgamma expression. *Journal of Lipid Research*, **2010**, 51, 2775-84 | 6.3 | 29 |
| 57 | Liver x receptor signaling pathways and atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1513-8 | 9.4 | 220 |
| 56 | Genome-wide association studies identify new targets in cardiovascular disease. *Science Translational Medicine*, **2010**, 2, 48ps46 | 17.5 | 18 |
| 55 | 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 |
| 54 | LXR regulates cholesterol uptake through Idol-dependent ubiquitination of the LDL receptor. *Science*, **2009**, 325, 100-4 | 33.3 | 532 |
| 53 | Apoptotic cells promote their own clearance and immune tolerance through activation of the nuclear receptor LXR. *Immunity*, **2009**, 31, 245-58 | 32.3 | 456 |
| 52 | Integration of metabolism and inflammation by lipid-activated nuclear receptors. *Nature*, **2008**, 454, 470-7 | 50.4 | 608 |
| 51 | LXR signaling couples sterol metabolism to proliferation in the acquired immune response. *Cell*, **2008**, 134, 97-111 | 56.2 | 481 |
| 50 | Before they were fat: adipocyte progenitors. *Cell Metabolism*, **2008**, 8, 454-7 | 24.6 | 129 |
| 49 | Fat and beyond: the diverse biology of PPARgamma. *Annual Review of Biochemistry*, **2008**, 77, 289-312 | 29.1 | 1484 |
| 48 | Adopting new orphans into the family of metabolic regulators. *Molecular Endocrinology*, **2008**, 22, 1743-53 | | 30 |
| 47 | 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 |
| 46 | Linking metabolism to immunity through PPAR□*Blood*, **2007**, 110, 3092-3093 | 2.2 | |
| 45 | The small molecule harmine is an antidiabetic cell-type-specific regulator of PPARgamma expression. *Cell Metabolism*, **2007**, 5, 357-70 | 24.6 | 155 |
| 44 | 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 |
| 43 | 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 |

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|---|---|---|---|
| 42 | The peroxisome proliferator-activated receptor N-terminal domain controls isotype-selective gene expression and adipogenesis. *Molecular Endocrinology*, **2006**, 20, 1261-75 | | 77 |
| 41 | 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 |
| 40 | Regulation of macrophage inflammatory gene expression by the orphan nuclear receptor Nur77. *Molecular Endocrinology*, **2006**, 20, 786-94 | | 159 |
| 39 | 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 |
| 38 | 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 |
| 37 | Phosphorylation of the liver X receptors. *FEBS Letters*, **2006**, 580, 4835-41 | 3.8 | 47 |
| 36 | Liver X receptors as integrators of metabolic and inflammatory signaling. *Journal of Clinical Investigation*, **2006**, 116, 607-14 | 15.9 | 709 |
| 35 | Nuclear receptors in lipid metabolism: targeting the heart of dyslipidemia. *Annual Review of Medicine*, **2006**, 57, 313-29 | 17.4 | 184 |
| 34 | Nuclear receptors at the crossroads of lipid metabolism and inflammation. *FASEB Journal*, **2006**, 20, A454 | 4.9 | |
| 33 | 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 |
| 32 | A role for the apoptosis inhibitory factor AIM/Spalpha/Api6 in atherosclerosis development. *Cell Metabolism*, **2005**, 1, 201-13 | 24.6 | 224 |
| 31 | LXR: A nuclear receptor target for cardiovascular disease?. *Drug Discovery Today: Therapeutic Strategies*, **2005**, 2, 97-103 | | 4 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | LXR-dependent gene expression is important for macrophage survival and the innate immune response. *Cell*, **2004**, 119, 299-309 | 56.2 | 434 |
| 25 | Liver X receptor signaling pathways in cardiovascular disease. *Molecular Endocrinology*, **2003**, 17, 985-93 | | 530 |

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|---|---|---|---|
| 24 | Reciprocal regulation of inflammation and lipid metabolism by liver X receptors. *Nature Medicine*, **2003**, 9, 213-9 | 50.5 | 969 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | Liver X receptor-dependent repression of matrix metalloproteinase-9 expression in macrophages. *Journal of Biological Chemistry*, **2003**, 278, 10443-9 | 5.4 | 255 |
| 19 | Orphan nuclear receptors find a home in the arterial wall. *Current Atherosclerosis Reports*, **2002**, 4, 213-21 | 6 | 21 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | PPAR-gamma dependent and independent effects on macrophage-gene expression in lipid metabolism and inflammation. *Nature Medicine*, **2001**, 7, 48-52 | 50.5 | 942 |
| 13 | Autoregulation of the human liver X receptor alpha promoter. *Molecular and Cellular Biology*, **2001**, 21, 7558-68 | 4.8 | 275 |
| 12 | A PPAR gamma-LXR-ABCA1 pathway in macrophages is involved in cholesterol efflux and atherogenesis. *Molecular Cell*, **2001**, 7, 161-71 | 17.6 | 1141 |
| 11 | 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 |
| 10 | 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 |
| 9 | Activators of the nuclear receptor PPARgamma enhance colon polyp formation. *Nature Medicine*, **1998**, 4, 1058-61 | 50.5 | 514 |
| 8 | Terminal differentiation of human breast cancer through PPAR gamma. *Molecular Cell*, **1998**, 1, 465-70 | 17.6 | 719 |
| 7 | Oxidized LDL regulates macrophage gene expression through ligand activation of PPARgamma. *Cell*, **1998**, 93, 229-40 | 56.2 | 1560 |

| | | | |
|---|---|---|---|
| 6 | PPARgamma promotes monocyte/macrophage differentiation and uptake of oxidized LDL. *Cell*, **1998**, 93, 241-52 | 56.2 | 1541 |
| 5 | 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 |
| 4 | Stimulation of adipogenesis in fibroblasts by PPAR gamma 2, a lipid-activated transcription factor. *Cell*, **1994**, 79, 1147-56 | 56.2 | 3010 |
| 3 | 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 |
| 2 | 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 |
| 1 | The Lands cycle modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle | | 1 |