Sander Kersten

List of Publications by Year
in descending order

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230	25,473	5248	7136
papers	citations	83 h-index	153 g-index

241	241	241	29292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Roles of PPARs in health and disease. Nature, 2000, 405, 421-424.	13.7	1,782
2	Peroxisome proliferatorâ€“activated receptor Î± mediates the adaptive response to fasting. Journal of Clinical Investigation, 1999, 103, 1489-1498.	3.9	1,423
3	Calorie Restriction-like Effects of 30 Days of Resveratrol Supplementation on Energy Metabolism and Metabolic Profile in Obese Humans. Cell Metabolism, 2011, 14, 612-622.	7.2	1,072
4	Peroxisome proliferator-activated receptor a target genes. Cellular and Molecular Life Sciences, 2004, 61, 393-416.	2.4	874
5	Peroxisome Proliferator-Activated Receptor Alpha Target Genes. PPAR Research, 2010, 2010, 1-20.	1.1	584
6	Nutrigenomics: goals and strategies. Nature Reviews Genetics, 2003, 4, 315-322.	7.7	566
7	The Inflammasome-Mediated Caspase-1 Activation Controls Adipocyte Differentiation and Insulin Sensitivity. Cell Metabolism, 2010, 12, 593-605.	7.2	558
8	Mechanisms of nutritional and hormonal regulation of lipogenesis. EMBO Reports, 2001, 2, 282-286.	2.0	506
9	Characterization of the Fasting-induced Adipose Factor FIAF, a Novel Peroxisome Proliferator-activated Receptor Target Gene. Journal of Biological Chemistry, 2000, 275, 28488-28493.	1.6	481
10	Integrated physiology and systems biology of PPARÎ±. Molecular Metabolism, 2014, 3, 354-371.	3.0	481
11	Short-term cold acclimation improves insulin sensitivity in patients with type 2 diabetes mellitus. Nature Medicine, 2015, 21, 863-865.	15.2	460
12	Physiological regulation of lipoprotein lipase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 919-933.	1.2	391
13	Kupffer cells promote hepatic steatosis via interleukin-1Î²-dependent suppression of peroxisome proliferator-activated receptor Î± activity. Hepatology, 2010, 51, 511-522.	3.6	381
14	The Fasting-induced Adipose Factor/Angiopoietin-like Protein 4 Is Physically Associated with Lipoproteins and Governs Plasma Lipid Levels and Adiposity. Journal of Biological Chemistry, 2006, 281, 934-944.	1.6	366
15	Triglyceride-rich lipoproteins and their remnants: metabolic insights, role in atherosclerotic cardiovascular disease, and emerging therapeutic strategiesâ€”a consensus statement from the European Atherosclerosis Society. European Heart Journal, 2021, 42, 4791-4806.	1.0	303
16	Podocyte-secreted angiopoietin-like-4 mediates proteinuria in glucocorticoid-sensitive nephrotic syndrome. Nature Medicine, 2011, 17, 117-122.	15.2	277
17	Peroxisome Proliferator-Activated Receptor Î± Mediates the Effects of High-Fat Diet on Hepatic Gene Expression. Endocrinology, 2006, 147, 1508-1516.	1.4	272
18	The role and regulation of the peroxisome proliferator activated receptor alpha in human liver. Biochimie, 2017, 136, 75-84.	1.3	269

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19	Comparative Analysis of Gene Regulation by the Transcription Factor PPARÎ± between Mouse and Human. PLoS ONE, 2009, 4, e6796.	1.1	245
20	Mechanisms of Gene Regulation by Fatty Acids. Advances in Nutrition, 2012, 3, 127-134.	2.9	243
21	Mechanisms of Inflammatory Responses in Obese Adipose Tissue. Annual Review of Nutrition, 2012, 32, 261-286.	4.3	242
22	The Direct Peroxisome Proliferator-activated Receptor Target Fasting-induced Adipose Factor (FIAF/PGAR/ANGPTL4) Is Present in Blood Plasma as a Truncated Protein That Is Increased by Fenofibrate Treatment. Journal of Biological Chemistry, 2004, 279, 34411-34420.	1.6	229
23	Angptl4 Protects against Severe Proinflammatory Effects of Saturated Fat by Inhibiting Fatty Acid Uptake into Mesenteric Lymph Node Macrophages. Cell Metabolism, 2010, 12, 580-592.	7.2	225
24	Angiopoietin-like 4 Protein Elevates the Prosurvival Intracellular O2â^':H2O2 Ratio and Confers Anoikis Resistance to Tumors. Cancer Cell, 2011, 19, 401-415.	7.7	225
25	Short-Chain Fatty Acids Stimulate Angiopoietin-Like 4 Synthesis in Human Colon Adenocarcinoma Cells by Activating Peroxisome Proliferator-Activated Receptor Î³. Molecular and Cellular Biology, 2013, 33, 1303-1316.	1.1	219
26	PPARs, Obesity, and Inflammation. PPAR Research, 2007, 2007, 1-10.	1.1	218
27	Angiopoietin-like 4: a decade of research. Bioscience Reports, 2012, 32, 211-219.	1.1	210
28	PPARÎ± governs glycerol metabolism. Journal of Clinical Investigation, 2004, 114, 94-103.	3.9	207
29	ANGPTL4 modulates vascular junction integrity by integrin signaling and disruption of intercellular VE-cadherin and claudin-5 clusters. Blood, 2011, 118, 3990-4002.	0.6	203
30	The peroxisome proliferatorâ€activated receptor Î± regulates amino acid metabolism. FASEB Journal, 2001, 15, 1971-1978.	0.2	198
31	The G0/G1 switch gene 2 is a novel PPAR target gene. Biochemical Journal, 2005, 392, 313-324.	1.7	190
32	PPARÎ± and dyslipidemia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 961-971.	1.2	187
33	IL-37 protects against obesity-induced inflammation and insulin resistance. Nature Communications, 2014, 5, 4711.	5.8	186
34	Natural killer T cells in adipose tissue prevent insulin resistance. Journal of Clinical Investigation, 2012, 122, 3343-3354.	3.9	185
35	Activation of Natural Killer T Cells Promotes M2 Macrophage Polarization in Adipose Tissue and Improves Systemic Glucose Tolerance via Interleukin-4 (IL-4)/STAT6 Protein Signaling Axis in Obesity. Journal of Biological Chemistry, 2012, 287, 13561-13571.	1.6	182
36	Comprehensive Analysis of PPAR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="E1"><mml:mi>Î±</mml:mi></mml:math>-Dependent Regulation of Hepatic Lipid Metabolism by Expression Profiling. PPAR Research, 2007, 2007, 1-13.	1.1	178

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37	Caloric Restriction and Exercise Increase Plasma ANGPTL4 Levels in Humans via Elevated Free Fatty Acids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 969-974.	1.1	177
38	IRE1Î± is an endogenous substrate of endoplasmic-reticulum-associated degradation. Nature Cell Biology, 2015, 17, 1546-1555.	4.6	173
39	In vivo activation of PPAR target genes by RXR homodimers. EMBO Journal, 2004, 23, 2083-2091.	3.5	172
40	Peroxisome Proliferator-activated Receptor Î³ Activation Promotes Infiltration of Alternatively Activated Macrophages into Adipose Tissue. Journal of Biological Chemistry, 2008, 283, 22620-22627.	1.6	172
41	Peroxisome Proliferator-Activated Receptor Î± Protects against Obesity-Induced Hepatic Inflammation. Endocrinology, 2007, 148, 2753-2763.	1.4	168
42	The role of the gut microbiota in metabolic health. FASEB Journal, 2015, 29, 3111-3123.	0.2	167
43	Angptl4 Upregulates Cholesterol Synthesis in Liver via Inhibition of LPL- and HL-Dependent Hepatic Cholesterol Uptake. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2420-2427.	1.1	157
44	Adipose Tissue Dysfunction Signals Progression of Hepatic Steatosis Towards Nonalcoholic Steatohepatitis in C57Bl/6 Mice. Diabetes, 2010, 59, 3181-3191.	0.3	156
45	Regulation of lipoprotein lipase by Angptl4. Trends in Endocrinology and Metabolism, 2014, 25, 146-155.	3.1	154
46	Sel1L is indispensable for mammalian endoplasmic reticulum-associated degradation, endoplasmic reticulum homeostasis, and survival. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E582-91.	3.3	148
47	Brown adipose tissue takes up plasma triglycerides mostly after lipolysis. Journal of Lipid Research, 2015, 56, 51-59.	2.0	147
48	Identification of human exercise-induced myokines using secretome analysis. Physiological Genomics, 2014, 46, 256-267.	1.0	146
49	Regulation of triglyceride metabolism by Angiopoietin-like proteins. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 782-789.	1.2	145
50	Moderate alcohol consumption increases insulin sensitivity and ADIPOQ expression in postmenopausal women: a randomised, crossover trial. Diabetologia, 2008, 51, 1375-1381.	2.9	142
51	Circulating angiopoietin-like 4 links proteinuria with hypertriglyceridemia in nephrotic syndrome. Nature Medicine, 2014, 20, 37-46.	15.2	140
52	Peroxisome proliferator-activated receptor expression is reduced in skeletal muscle in COPD. European Respiratory Journal, 2007, 30, 245-252.	3.1	139
53	Regulation of lipid metabolism by angiopoietin-like proteins. Current Opinion in Lipidology, 2016, 27, 249-256.	1.2	138
54	Circadian misalignment induces fatty acid metabolism gene profiles and compromises insulin sensitivity in human skeletal muscle. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7789-7794.	3.3	138

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55	The lipid droplet coat protein perilipin 5 also localizes to muscle mitochondria. Histochemistry and Cell Biology, 2012, 137, 205-216.	0.8	136
56	Mechanisms of Action of trans Fatty Acids. Advances in Nutrition, 2020, 11, 697-708.	2.9	136
57	Angiopoietin-like 3 in lipoprotein metabolism. Nature Reviews Endocrinology, 2017, 13, 731-739.	4.3	135
58	Genome-wide analysis of PPARÎ± activation in murine small intestine. Physiological Genomics, 2007, 30, 192-204.	1.0	129
59	The Glucocorticoid Receptor Controls Hepatic Dyslipidemia through Hes1. Cell Metabolism, 2008, 8, 212-223.	7.2	126
60	Perilipin 2 Improves Insulin Sensitivity in Skeletal Muscle Despite Elevated Intramuscular Lipid Levels. Diabetes, 2012, 61, 2679-2690.	0.3	125
61	Peroxisome proliferator activated receptors and obesity. European Journal of Pharmacology, 2002, 440, 223-234.	1.7	123
62	Peroxisome Proliferator-Activated Receptor Î²/Î´ (PPARÎ²/Î´) but Not PPARÎ± Serves as a Plasma Free Fatty Acid Sensor in Liver. Molecular and Cellular Biology, 2009, 29, 6257-6267.	1.1	123
63	PPARÎ± governs glycerol metabolism. Journal of Clinical Investigation, 2004, 114, 94-103.	3.9	121
64	Induction of Cardiac Angptl4 by Dietary Fatty Acids Is Mediated by Peroxisome Proliferator-Activated Receptor Î²/Î´ and Protects Against Fatty Acidâ€“Induced Oxidative Stress. Circulation Research, 2010, 106, 1712-1721.	2.0	118
65	Re-evaluating lipotoxic triggers in skeletal muscle: Relating intramyocellular lipid metabolism to insulin sensitivity. Progress in Lipid Research, 2012, 51, 36-49.	5.3	114
66	Transcriptional profiling reveals divergent roles of PPARÎ± and PPARÎ²/Î´ in regulation of gene expression in mouse liver. Physiological Genomics, 2010, 41, 42-52.	1.0	113
67	Angiopoietin-like 4 Interacts with Matrix Proteins to Modulate Wound Healing*. Journal of Biological Chemistry, 2010, 285, 32999-33009.	1.6	113
68	Fatty acid-inducible ANGPTL4 governs lipid metabolic response to exercise. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1043-52.	3.3	113
69	Profiling of promoter occupancy by PPARÎ± in human hepatoma cells via ChIP-chip analysis. Nucleic Acids Research, 2010, 38, 2839-2850.	6.5	112
70	Peroxisome Proliferator Activated Receptors and Lipoprotein Metabolism. PPAR Research, 2008, 2008, 1-11.	1.1	107
71	Endoplasmic reticulumâ€“associated degradation regulates mitochondrial dynamics in brown adipocytes. Science, 2020, 368, 54-60.	6.0	107
72	Pronounced Effects of Acute Endurance Exercise on Gene Expression in Resting and Exercising Human Skeletal Muscle. PLoS ONE, 2012, 7, e51066.	1.1	107

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73	Regulation of lipid metabolism via angiopoietin-like proteins. Biochemical Society Transactions, 2005, 33, 1059.	1.6	106
74	Angiopoietin-Like 4 Interacts with Integrins Î²1 and Î²5 to Modulate Keratinocyte Migration. American Journal of Pathology, 2010, 177, 2791-2803.	1.9	105
75	The search for exercise factors in humans. FASEB Journal, 2015, 29, 1615-1628.	0.2	105
76	System-wide Benefits of Intermeal Fasting by Autophagy. Cell Metabolism, 2017, 26, 856-871.e5.	7.2	104
77	Overexpression of PLIN5 in skeletal muscle promotes oxidative gene expression and intramyocellular lipid content without compromising insulin sensitivity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 844-852.	1.2	100
78	ANGPTL4 mediates shuttling of lipid fuel to brown adipose tissue during sustained cold exposure. ELife, 2015, 4, .	2.8	100
79	Retinoid X receptor alpha forms tetramers in solution.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8645-8649.	3.3	95
80	Modulation of the gut microbiota impacts nonalcoholic fatty liver disease: a potential role for bile acids. Journal of Lipid Research, 2017, 58, 1399-1416.	2.0	94
81	The ER-Associated Degradation Adaptor Protein Sel1L Regulates LPL Secretion and Lipid Metabolism. Cell Metabolism, 2014, 20, 458-470.	7.2	92
82	Effect of Synthetic Dietary Triglycerides: A Novel Research Paradigm for Nutrigenomics. PLoS ONE, 2008, 3, e1681.	1.1	91
83	Angiopoietin-like 4 Stimulates STAT3-mediated iNOS Expression and Enhances Angiogenesis to Accelerate Wound Healing in Diabetic Mice. Molecular Therapy, 2014, 22, 1593-1604.	3.7	89
84	G0/G1 switch gene-2 regulates human adipocyte lipolysis by affecting activity and localization of adipose triglyceride lipase. Journal of Lipid Research, 2012, 53, 2307-2317.	2.0	88
85	Angiopoietin-like 4 promotes intracellular degradation of lipoprotein lipase in adipocytes. Journal of Lipid Research, 2016, 57, 1670-1683.	2.0	86
86	Lipoprotein Lipase and Its Regulators: An Unfolding Story. Trends in Endocrinology and Metabolism, 2021, 32, 48-61.	3.1	86
87	Regulation of lipid droplet-associated proteins by peroxisome proliferator-activated receptors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1212-1220.	1.2	83
88	Overexpression of Angiopoietin-Like Protein 4 Protects Against Atherosclerosis Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1529-1537.	1.1	79
89	Systemic PFOS and PFOA exposure and disturbed lipid homeostasis in humans: what do we know and what not?. Critical Reviews in Toxicology, 2021, 51, 141-164.	1.9	78
90	Peroxisome Proliferator-activated Receptor Î³ Regulates Expression of the Anti-lipolytic G-protein-coupled Receptor 81 (GPR81/Gpr81). Journal of Biological Chemistry, 2009, 284, 26385-26393.	1.6	76

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91	Gene expression profiling in human precision cut liver slices in response to the FXR agonist obeticholic acid. Journal of Hepatology, 2016, 64, 1158-1166.	1.8	76
92	Peroxisome Proliferator-Activated Receptor-Î±-Null Mice Have Increased White Adipose Tissue Glucose Utilization, GLUT4, and Fat Mass: Role in Liver and Brain. Endocrinology, 2006, 147, 4067-4078.	1.4	73
93	Molecular mechanisms underlying the potential antiobesityâ€related diseases effect of cocoa polyphenols. Molecular Nutrition and Food Research, 2014, 58, 33-48.	1.5	71
94	Loss of angiopoietin-like 4 (ANGPTL4) in mice with diet-induced obesity uncouples visceral obesity from glucose intolerance partly via the gut microbiota. Diabetologia, 2018, 61, 1447-1458.	2.9	70
95	Angiopoietin-like-4 is a potential angiogenic mediator in arthritis. Clinical Immunology, 2005, 115, 93-101.	1.4	69
96	Linking nutritional regulation of Angptl4, Gpihbp1, and Lmf1 to lipoprotein lipase activity in rodent adipose tissue. BMC Physiology, 2012, 12, 13.	3.6	68
97	Sequestration of fatty acids in triglycerides prevents endoplasmic reticulum stress in an in vitro model of cardiomyocyte lipotoxicity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1648-1655.	1.2	68
98	The impact of PPARÎ± activation on whole genome gene expression in human precision cut liver slices. BMC Genomics, 2015, 16, 760.	1.2	68
99	A Diurnal Rhythm in Brown Adipose Tissue Causes Rapid Clearance and Combustion of Plasma Lipids at Wakening. Cell Reports, 2018, 22, 3521-3533.	2.9	68
100	Glycogen synthase 2 is a novel target gene of peroxisome proliferator-activated receptors. Cellular and Molecular Life Sciences, 2007, 64, 1145-1157.	2.4	67
101	The Interleukin-1 receptor antagonist is a direct target gene of PPARÎ± in liver. Journal of Hepatology, 2007, 46, 869-877.	1.8	66
102	Angptl4 serves as an endogenous inhibitor of intestinal lipid digestion. Molecular Metabolism, 2014, 3, 135-144.	3.0	66
103	Peroxisome proliferator activated receptor agonists. Exs, 2000, 89, 141-151.	1.4	65
104	Modulation of plasma TG lipolysis by Angiopoietin-like proteins and GPIHBP1. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 415-420.	1.2	64
105	PPAR-alpha dependent regulation of vanin-1 mediates hepatic lipid metabolism. Journal of Hepatology, 2014, 61, 366-372.	1.8	64
106	New insights into angiopoietin-like proteins in lipid metabolism and cardiovascular disease risk. Current Opinion in Lipidology, 2019, 30, 205-211.	1.2	64
107	The ATP-P2X7 Signaling Axis Is Dispensable for Obesity-Associated Inflammasome Activation in Adipose Tissue. Diabetes, 2012, 61, 1471-1478.	0.3	62
108	Hypoxia-inducible Lipid Droplet-associated (HILPDA) Is a Novel Peroxisome Proliferator-activated Receptor (PPAR) Target Involved in Hepatic Triglyceride Secretion. Journal of Biological Chemistry, 2014, 289, 19279-19293.	1.6	61

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109	Potential mediators linking gut bacteria to metabolic health: a critical view. Journal of Physiology, 2017, 595, 477-487.	1.3	60
110	Hypoxia-inducible lipid droplet-associated protein inhibits adipose triglyceride lipase. Journal of Lipid Research, 2018, 59, 531-541.	2.0	60
111	Role and mechanism of the action of angiopoietin-like protein ANGPTL4 in plasma lipid metabolism. Journal of Lipid Research, 2021, 62, 100150.	2.0	60
112	Metabolic switching of human myotubes is improved by n-3 fatty acids. Journal of Lipid Research, 2010, 51, 2090-2104.	2.0	59
113	Hepatic Sel1Lâ€Hrd1 ERâ€associated degradation (ERAD) manages FGF21 levels and systemic metabolism via CREBH. EMBO Journal, 2018, 37, .	3.5	55
114	Perfluorooctanoic acid (PFOA), perfluorooctane sulfonic acid (PFOS), and perfluorononanoic acid (PFNA) increase triglyceride levels and decrease cholesterogenic gene expression in human HepaRG liver cells. Archives of Toxicology, 2020, 94, 3137-3155.	1.9	55
115	Individual Subunits of Heterodimers Comprised of Retinoic Acid and Retinoid X Receptors Interact with Their Ligands Independently. Biochemistry, 1996, 35, 3816-3824.	1.2	54
116	Angiopoietin-like 4 promotes the intracellular cleavage of lipoprotein lipase by PCSK3/furin in adipocytes. Journal of Biological Chemistry, 2018, 293, 14134-14145.	1.6	53
117	Inflammation increases plasma angiopoietin-like protein 4 in patients with the metabolic syndrome and type 2 diabetes. BMJ Open Diabetes Research and Care, 2014, 2, e000034.	1.2	52
118	Sel1L-Hrd1 ER-associated degradation maintains Î² cell identity via TGF-Î² signaling. Journal of Clinical Investigation, 2020, 130, 3499-3510.	3.9	52
119	Role of Ligand in Retinoid Signaling. 9-cis-Retinoic Acid Modulates the Oligomeric State of the Retinoid X Receptor. Biochemistry, 1995, 34, 13717-13721.	1.2	51
120	CREBH-FGF21 axis improves hepatic steatosis by suppressing adipose tissue lipolysis. Scientific Reports, 2016, 6, 27938.	1.6	51
121	Sulfonylureas and Glinides Exhibit Peroxisome Proliferator-Activated Receptor Î³ Activity: A Combined Virtual Screening and Biological Assay Approach. Molecular Pharmacology, 2007, 71, 398-406.	1.0	49
122	Toll-like receptors TLR2 and TLR4 block the replication of pancreatic Î² cells in diet-induced obesity. Nature Immunology, 2019, 20, 677-686.	7.0	48
123	Integrative analysis of gut microbiota composition, host colonic gene expression and intraluminal metabolites in aging C57BL/6J mice. Aging, 2018, 10, 930-950.	1.4	46
124	Energy-sensing Factors Coactivator Peroxisome Proliferator-activated Receptor Î³ Coactivator 1-Î± (PGC-1Î±) and AMP-activated Protein Kinase Control Expression of Inflammatory Mediators in Liver. Journal of Biological Chemistry, 2012, 287, 1847-1860.	1.6	45
125	Dietary modulation of plasma angiopoietin-like protein 4 concentrations in healthy volunteers and in patients with type 2 diabetes. American Journal of Clinical Nutrition, 2013, 97, 255-260.	2.2	45
126	Triglyceride breakdown from lipid droplets regulates the inflammatory response in macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2114739119.	3.3	44

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127	Exploration of PPAR functions by microarray technologyâ€"A paradigm for nutrigenomics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 1046-1064.	1.2	43
128	Electric Pulse Stimulation of Myotubes as an In Vitro Exercise Model: Cell-Mediated and Non-Cell-Mediated Effects. Scientific Reports, 2015, 5, 10944.	1.6	43
129	Comparative transcriptomic and metabolomic analysis of fenofibrate and fish oil treatments in mice. Physiological Genomics, 2011, 43, 1307-1318.	1.0	42
130	A single day of high-fat diet feeding induces lipid accumulation and insulin resistance in brown adipose tissue in mice. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E820-E830.	1.8	40
131	Effects of fatty acids on gene expression: role of peroxisome proliferator-activated receptor Î±, liver X receptor Î± and sterol regulatory element-binding protein-1c. Proceedings of the Nutrition Society, 2002, 61, 371-374.	0.4	38
132	Analysis of the heat shock response in mouse liver reveals transcriptional dependence on the nuclear receptor peroxisome proliferator-activated receptor Î± (PPARÎ±). BMC Genomics, 2010, 11, 16.	1.2	38
133	Deletion of the gene encoding G0/G1 switch protein 2 (G0s2) alleviates high-fat-diet-induced weight gain and insulin resistance, and promotes browning of white adipose tissue in mice. Diabetologia, 2015, 58, 149-157.	2.9	38
134	Fasting induces ANGPTL4 and reduces LPL activity in human adipose tissue. Molecular Metabolism, 2020, 40, 101033.	3.0	38
135	On the Role of Ligand in Retinoid Signaling: Positive Cooperativity in the Interactions of 9-cis Retinoic Acid with Tetramers of the Retinoid X Receptor. Biochemistry, 1995, 34, 14263-14269.	1.2	37
136	Auto-silencing by the retinoid X receptor 1 1Edited by M. Yaniv. Journal of Molecular Biology, 1998, 284, 21-32.	2.0	37
137	PPARÎ±â€dependent induction of the energy homeostasisâ€regulating nuclear receptor NR1i3 (CAR) in rat hepatocytes: Potential role in starvation adaptation. FEBS Letters, 2007, 581, 5617-5626.	1.3	37
138	The Inflammatory Response in Acyl-CoA Oxidase 1 Deficiency (Pseudoneonatal Adrenoleukodystrophy). Endocrinology, 2012, 153, 2568-2575.	1.4	37
139	Characterization of ANGPTL4 function in macrophages and adipocytes using Angptl4-knockout and Angptl4-hypomorphic mice. Journal of Lipid Research, 2019, 60, 1741-1754.	2.0	36
140	The Tetramerization Region of the Retinoid X Receptor Is Important for Transcriptional Activation by the Receptor. Journal of Biological Chemistry, 1997, 272, 29759-29768.	1.6	35
141	Angiopoietin-Like Protein 4 is Differentially Regulated by Glucocorticoids and Insulin in vitro and in vivo in Healthy Humans. Experimental and Clinical Endocrinology and Diabetes, 2012, 120, 598-603.	0.6	34
142	ANGPTL4 is produced by entero-endocrine cells in the human intestinal tract. Histochemistry and Cell Biology, 2014, 141, 383-391.	0.8	34
143	HILPDA Uncouples Lipid Droplet Accumulation in Adipose Tissue Macrophages from Inflammation and Metabolic Dysregulation. Cell Reports, 2020, 30, 1811-1822.e6.	2.9	34
144	ANGPTL3 as therapeutic target. Current Opinion in Lipidology, 2021, 32, 335-341.	1.2	34

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145	Transcriptomic signatures of peroxisome proliferator-activated receptor Î± (PPARÎ±) in different mouse liver models identify novel aspects of its biology. BMC Genomics, 2014, 15, 1106.	1.2	33
146	Adipocyte Spliced Form of X-Boxâ€“Binding Protein 1 Promotes Adiponectin Multimerization and Systemic Glucose Homeostasis. Diabetes, 2014, 63, 867-879.	0.3	33
147	The Peroxisome Proliferator-Activated Receptor Î± is dispensable for cold-induced adipose tissue browning in mice. Molecular Metabolism, 2018, 10, 39-54.	3.0	32
148	Industrial Trans Fatty Acids Stimulate SREBP2â€Mediated Cholesterogenesis and Promote Nonâ€Alcoholic Fatty Liver Disease. Molecular Nutrition and Food Research, 2019, 63, e1900385.	1.5	32
149	The whole transcriptome effects of the PPARÎ± agonist fenofibrate on livers of hepatocyte humanized mice. BMC Genomics, 2018, 19, 443.	1.2	31
150	Hypoxia-inducible lipid droplet-associated induces DGAT1 and promotes lipid storage in hepatocytes. Molecular Metabolism, 2021, 47, 101168.	3.0	30
151	Caspase-1 deficiency in mice reduces intestinal triglyceride absorption and hepatic triglyceride secretion. Journal of Lipid Research, 2013, 54, 448-456.	2.0	29
152	Exercise training improves liver steatosis in mice. Nutrition and Metabolism, 2015, 12, 29.	1.3	29
153	Muscle-specific inflammation induced by MCP-1 overexpression does not affect whole-body insulin sensitivity in mice. Diabetologia, 2016, 59, 624-633.	2.9	29
154	Palmitic acid follows a different metabolic pathway than oleic acid in human skeletal muscle cells; lower lipolysis rate despite an increased level of adipose triglyceride lipase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1323-1333.	1.2	28
155	Fasting-induced adipose factor/ angiopoietin-like protein 4: a potential target for dyslipidemia?. Future Lipidology, 2006, 1, 227-236.	0.5	27
156	Detailed transcriptomics analysis of the effect of dietary fatty acids on gene expression in the heart. Physiological Genomics, 2012, 44, 352-361.	1.0	27
157	Mannose-Binding Lectin Is Required for the Effective Clearance of Apoptotic Cells by Adipose Tissue Macrophages During Obesity. Diabetes, 2014, 63, 4143-4153.	0.3	27
158	Perilipin 5 mediated lipid droplet remodelling revealed by coherent Raman imaging. Integrative Biology (United Kingdom), 2015, 7, 467-476.	0.6	27
159	The DNA Binding Pattern of the Retinoid X Receptor Is Regulated by Ligand-dependent Modulation of Its Oligomeric State. Journal of Biological Chemistry, 1997, 272, 12771-12777.	1.6	26
160	LXRÎ² is the dominant LXR subtype in skeletal muscle regulating lipogenesis and cholesterol efflux. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E602-E613.	1.8	26
161	A role for the peroxisomal 3-ketoacyl-CoA thiolase B enzyme in the control of PPARÎ±-mediated upregulation of SREBP-2 target genes in the liver. Biochimie, 2011, 93, 876-891.	1.3	24
162	Reduced kidney lipoprotein lipase and renal tubule triglyceride accumulation in cisplatin-mediated acute kidney injury. American Journal of Physiology - Renal Physiology, 2012, 303, F437-F448.	1.3	24

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