

# Hitoshi Shimano

## List of Publications by Year in descending order

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391  
papers

30,149  
citations

4641

85  
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6113

159  
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417  
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417  
docs citations

417  
times ranked

31003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiorespiratory Fitness as a Quantitative Predictor of All-Cause Mortality and Cardiovascular Events in Healthy Men and Women. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 2024.	3.8	2,357
2	Overproduction of cholesterol and fatty acids causes massive liver enlargement in transgenic mice expressing truncated SREBP-1a. <i>Journal of Clinical Investigation</i> , 1996, 98, 1575-1584.	3.9	739
3	Isoform 1c of sterol regulatory element binding protein is less active than isoform 1a in livers of transgenic mice and in cultured cells. <i>Journal of Clinical Investigation</i> , 1997, 99, 846-854.	3.9	722
4	SREBP-regulated lipid metabolism: convergent physiology â€” divergent pathophysiology. <i>Nature Reviews Endocrinology</i> , 2017, 13, 710-730.	4.3	696
5	Differential expression of exons 1a and 1c in mRNAs for sterol regulatory element binding protein-1 in human and mouse organs and cultured cells. <i>Journal of Clinical Investigation</i> , 1997, 99, 838-845.	3.9	671
6	Sterol regulatory element-binding proteins (SREBPs): transcriptional regulators of lipid synthetic genes. <i>Progress in Lipid Research</i> , 2001, 40, 439-452.	5.3	623
7	Activation of cholesterol synthesis in preference to fatty acid synthesis in liver and adipose tissue of transgenic mice overproducing sterol regulatory element-binding protein-2. <i>Journal of Clinical Investigation</i> , 1998, 101, 2331-2339.	3.9	613
8	Sterol Regulatory Element-binding Protein-1 as a Key Transcription Factor for Nutritional Induction of Lipogenic Enzyme Genes. <i>Journal of Biological Chemistry</i> , 1999, 274, 35832-35839.	1.6	602
9	Regulation of sterol regulatory element binding proteins in livers of fasted and refed mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 5987-5992.	3.3	589
10	TGF- $\beta$ 2 activates Akt kinase through a microRNA-dependent amplifying circuit targeting PTEN. <i>Nature Cell Biology</i> , 2009, 11, 881-889.	4.6	534
11	Effect of Aerobic Exercise Training on Serum Levels of High-Density Lipoprotein Cholesterol. <i>Archives of Internal Medicine</i> , 2007, 167, 999.	4.3	471
12	Identification of Liver X Receptor-Retinoid X Receptor as an Activator of the Sterol Regulatory Element-Binding Protein 1c Gene Promoter. <i>Molecular and Cellular Biology</i> , 2001, 21, 2991-3000.	1.1	465
13	Crucial role of a long-chain fatty acid elongase, Elovl6, in obesity-induced insulin resistance. <i>Nature Medicine</i> , 2007, 13, 1193-1202.	15.2	459
14	Elevated levels of SREBP-2 and cholesterol synthesis in livers of mice homozygous for a targeted disruption of the SREBP-1 gene. <i>Journal of Clinical Investigation</i> , 1997, 100, 2115-2124.	3.9	387
15	Polyunsaturated Fatty Acids Suppress Sterol Regulatory Element-binding Protein 1c Promoter Activity by Inhibition of Liver X Receptor (LXR) Binding to LXR Response Elements. <i>Journal of Biological Chemistry</i> , 2002, 277, 1705-1711.	1.6	347
16	Troglitazone Inhibits Atherosclerosis in Apolipoprotein Eâ€”Knockout Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 372-377.	1.1	327
17	Absence of Sterol Regulatory Element-binding Protein-1 (SREBP-1) Ameliorates Fatty Livers but Not Obesity or Insulin Resistance in Lep/Lep Mice. <i>Journal of Biological Chemistry</i> , 2002, 277, 19353-19357.	1.6	327
18	Nuclear Sterol Regulatory Element-binding Proteins Activate Genes Responsible for the Entire Program of Unsaturated Fatty Acid Biosynthesis in Transgenic Mouse Liver. <i>Journal of Biological Chemistry</i> , 1998, 273, 35299-35306.	1.6	320

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19	Transcriptional activities of nuclear SREBP-1a, -1c, and -2 to different target promoters of lipogenic and cholesterologenic genes. <i>Journal of Lipid Research</i> , 2002, 43, 1220-1235.	2.0	314
20	A Crucial Role of Sterol Regulatory Element-binding Protein-1 in the Regulation of Lipogenic Gene Expression by Polyunsaturated Fatty Acids. <i>Journal of Biological Chemistry</i> , 1999, 274, 35840-35844.	1.6	313
21	Polyunsaturated fatty acids ameliorate hepatic steatosis in obese mice by SREBP-1 suppression. <i>Hepatology</i> , 2003, 38, 1529-1539.	3.6	313
22	SREBPs suppress IRS-2-mediated insulin signalling in the liver. <i>Nature Cell Biology</i> , 2004, 6, 351-357.	4.6	305
23	Cross-Talk between Peroxisome Proliferator-Activated Receptor (PPAR) $\alpha$ and Liver X Receptor (LXR) in Nutritional Regulation of Fatty Acid Metabolism. I. PPARs Suppress Sterol Regulatory Element Binding Protein-1c Promoter through Inhibition of LXR Signaling. <i>Molecular Endocrinology</i> , 2003, 17, 1240-1254.	3.7	264
24	SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. <i>Cell Metabolism</i> , 2017, 25, 412-427.	7.2	263
25	Dual regulation of mouse $\delta$ 5- and $\delta$ 6-desaturase gene expression by SREBP-1 and PPAR $\alpha$ . <i>Journal of Lipid Research</i> , 2002, 43, 107-114.	2.0	256
26	Promoter Analysis of the Mouse Sterol Regulatory Element-binding Protein-1c Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 31078-31085.	1.6	225
27	Co-ordinate activation of lipogenic enzymes in hepatocellular carcinoma. <i>European Journal of Cancer</i> , 2005, 41, 1316-1322.	1.3	220
28	Dual regulation of mouse Delta(5)- and Delta(6)-desaturase gene expression by SREBP-1 and PPAR $\alpha$ . <i>Journal of Lipid Research</i> , 2002, 43, 107-114.	2.0	220
29	HbA1c $\geq 6.4\%$ and impaired fasting plasma glucose for diagnosis of prediabetes and risk of progression to diabetes in Japan (TOPICS 3): a longitudinal cohort study. <i>Lancet</i> , 2011, 378, 147-155.	6.3	212
30	Severe Hypercholesterolemia, Hypertriglyceridemia, and Atherosclerosis in Mice Lacking Both Leptin and the Low Density Lipoprotein Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 37402-37408.	1.6	194
31	Diabetes and Risk of Hearing Impairment in Adults: A Meta-Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 51-58.	1.8	194
32	Skipping breakfast and prevalence of overweight and obesity in Asian and Pacific regions: A meta-analysis. <i>Preventive Medicine</i> , 2011, 53, 260-267.	1.6	189
33	Sterol Regulatory Element-Binding Proteins Induce an Entire Pathway of Cholesterol Synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 176-183.	1.0	187
34	MicroRNA-33 regulates sterol regulatory element-binding protein 1 expression in mice. <i>Nature Communications</i> , 2013, 4, 2883.	5.8	183
35	Comparisons of the Strength of Associations With Future Type 2 Diabetes Risk Among Anthropometric Obesity Indicators, Including Waist-to-Height Ratio: A Meta-Analysis. <i>American Journal of Epidemiology</i> , 2012, 176, 959-969.	1.6	181
36	p53 Activation in Adipocytes of Obese Mice. <i>Journal of Biological Chemistry</i> , 2003, 278, 25395-25400.	1.6	180

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37	Cross-Talk between Peroxisome Proliferator-Activated Receptor (PPAR) $\alpha$ and Liver X Receptor (LXR) in Nutritional Regulation of Fatty Acid Metabolism. II. LXRs Suppress Lipid Degradation Gene Promoters through Inhibition of PPAR Signaling. <i>Molecular Endocrinology</i> , 2003, 17, 1255-1267.	3.7	177
38	Disruption of LDL receptor gene in transgenic SREBP-1a mice unmasks hyperlipidemia resulting from production of lipid-rich VLDL. <i>Journal of Clinical Investigation</i> , 1999, 103, 1067-1076.	3.9	174
39	The up-regulation of microRNA-335 is associated with lipid metabolism in liver and white adipose tissue of genetically obese mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 492-496.	1.0	173
40	Cloning and characterization of a mammalian fatty acyl-CoA elongase as a lipogenic enzyme regulated by SREBPs. <i>Journal of Lipid Research</i> , 2002, 43, 911-920.	2.0	172
41	TFE3 transcriptionally activates hepatic IRS-2, participates in insulin signaling and ameliorates diabetes. <i>Nature Medicine</i> , 2006, 12, 107-113.	15.2	168
42	Insulin-Independent Induction of Sterol Regulatory Element-Binding Protein-1c Expression in the Livers of Streptozotocin-Treated Mice. <i>Diabetes</i> , 2004, 53, 560-569.	0.3	167
43	FEEL-1 and FEEL-2 Are Endocytic Receptors for Advanced Glycation End Products. <i>Journal of Biological Chemistry</i> , 2003, 278, 12613-12617.	1.6	166
44	Absence of ACAT-1 Attenuates Atherosclerosis but Causes Dry Eye and Cutaneous Xanthomatosis in Mice with Congenital Hyperlipidemia. <i>Journal of Biological Chemistry</i> , 2000, 275, 21324-21330.	1.6	163
45	SREBPs: physiology and pathophysiology of the SREBP family. <i>FEBS Journal</i> , 2009, 276, 616-621.	2.2	162
46	Association Between Physical Activity and Risk of All-Cause Mortality and Cardiovascular Disease in Patients With Diabetes. <i>Diabetes Care</i> , 2013, 36, 471-479.	4.3	156
47	Hepatic Akt Activation Induces Marked Hypoglycemia, Hepatomegaly, and Hypertriglyceridemia With Sterol Regulatory Element Binding Protein Involvement. <i>Diabetes</i> , 2003, 52, 2905-2913.	0.3	149
48	PKC $\delta$ in liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. <i>Journal of Clinical Investigation</i> , 2003, 112, 935-944.	3.9	146
49	Influence of Fat and Carbohydrate Proportions on the Metabolic Profile in Patients With Type 2 Diabetes: A Meta-Analysis. <i>Diabetes Care</i> , 2009, 32, 959-965.	4.3	144
50	Elovl6 promotes nonalcoholic steatohepatitis. <i>Hepatology</i> , 2012, 56, 2199-2208.	3.6	144
51	Parasympathetic response in chick myocytes and mouse heart is controlled by SREBP. <i>Journal of Clinical Investigation</i> , 2008, 118, 259-271.	3.9	143
52	Elovl6: a new player in fatty acid metabolism and insulin sensitivity. <i>Journal of Molecular Medicine</i> , 2009, 87, 379-384.	1.7	135
53	Transcriptional activities of nuclear SREBP-1a, -1c, and -2 to different target promoters of lipogenic and cholesterologenic genes. <i>Journal of Lipid Research</i> , 2002, 43, 1220-35.	2.0	135
54	SREBP-1 Interacts with Hepatocyte Nuclear Factor-4 $\alpha$ and Interferes with PGC-1 Recruitment to Suppress Hepatic Gluconeogenic Genes. <i>Journal of Biological Chemistry</i> , 2004, 279, 12027-12035.	1.6	134

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55	Monocyte colony-stimulating factor enhances uptake and degradation of acetylated low density lipoproteins and cholesterol esterification in human monocyte-derived macrophages.. Journal of Biological Chemistry, 1990, 265, 14109-14117.	1.6	133
56	Cloning and characterization of a mammalian fatty acyl-CoA elongase as a lipogenic enzyme regulated by SREBPs. Journal of Lipid Research, 2002, 43, 911-20.	2.0	133
57	Cholesterol feeding reduces nuclear forms of sterol regulatory element binding proteins in hamster liver. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 12354-12359.	3.3	131
58	Overexpression of apolipoprotein E in transgenic mice: marked reduction in plasma lipoproteins except high density lipoprotein and resistance against diet-induced hypercholesterolemia.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 1750-1754.	3.3	130
59	Sterol Regulatory Element-binding Protein-1 Is Regulated by Glucose at the Transcriptional Level. Journal of Biological Chemistry, 2000, 275, 31069-31077.	1.6	127
60	Polyunsaturated Fatty Acids Selectively Suppress Sterol Regulatory Element-binding Protein-1 through Proteolytic Processing and Autoloop Regulatory Circuit. Journal of Biological Chemistry, 2010, 285, 11681-11691.	1.6	120
61	Effect of web-based lifestyle modification on weight control: a meta-analysis. International Journal of Obesity, 2012, 36, 675-685.	1.6	120
62	Inhibition of diet-induced atheroma formation in transgenic mice expressing apolipoprotein E in the arterial wall.. Journal of Clinical Investigation, 1995, 95, 469-476.	3.9	120
63	Transcriptional Regulation of the ATP Citrate-lyase Gene by Sterol Regulatory Element-binding Proteins. Journal of Biological Chemistry, 2000, 275, 12497-12502.	1.6	118
64	Heterogeneous mutations in the human lipoprotein lipase gene in patients with familial lipoprotein lipase deficiency.. Journal of Clinical Investigation, 1991, 88, 1856-1864.	3.9	115
65	Overexpression of human lipoprotein lipase in transgenic mice. Resistance to diet-induced hypertriglyceridemia and hypercholesterolemia.. Journal of Biological Chemistry, 1993, 268, 17924-17929.	1.6	113
66	Monocyte colony-stimulating factor enhances uptake and degradation of acetylated low density lipoproteins and cholesterol esterification in human monocyte-derived macrophages. Journal of Biological Chemistry, 1990, 265, 14109-17.	1.6	112
67	Lipolysis in the Absence of Hormone-Sensitive Lipase: Evidence for a Common Mechanism Regulating Distinct Lipases. Diabetes, 2002, 51, 3368-3375.	0.3	111
68	Sterol regulatory element-binding protein family as global regulators of lipid synthetic genes in energy metabolism. Vitamins and Hormones, 2002, 65, 167-194.	0.7	111
69	SREBP-1-independent regulation of lipogenic gene expression in adipocytes. Journal of Lipid Research, 2007, 48, 1581-1591.	2.0	111
70	Neutralization of Vascular Endothelial Growth Factor Prevents Collagen-Induced Arthritis and Ameliorates Established Disease in Mice. Biochemical and Biophysical Research Communications, 2001, 281, 562-568.	1.0	108
71	p53 Involvement in the Pathogenesis of Fatty Liver Disease. Journal of Biological Chemistry, 2004, 279, 20571-20575.	1.6	106
72	Saturated Fatty Acids Undergo Intracellular Crystallization and Activate the NLRP3 Inflammasome in Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 744-756.	1.1	104

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73	The selective peroxisome proliferator-activated receptor alpha modulator (SPPARM $\hat{\pm}$ ) paradigm: conceptual framework and therapeutic potential. <i>Cardiovascular Diabetology</i> , 2019, 18, 71.	2.7	104
74	Activation of sterol regulatory element-binding protein 1c and fatty acid synthase transcription by hepatitis C virus non-structural protein 2. <i>Journal of General Virology</i> , 2008, 89, 1225-1230.	1.3	101
75	SCAP is required for timely and proper myelin membrane synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21383-21388.	3.3	99
76	p57Kip2 Regulates Actin Dynamics by Binding and Translocating LIM-kinase 1 to the Nucleus. <i>Journal of Biological Chemistry</i> , 2003, 278, 52919-52923.	1.6	96
77	Cholesterol accumulation and diabetes in pancreatic $\hat{\beta}$ -cell-specific SREBP-2 transgenic mice: a new model for lipotoxicity. <i>Journal of Lipid Research</i> , 2008, 49, 2524-2534.	2.0	95
78	Early Embryonic Lethality Caused by Targeted Disruption of the 3-Hydroxy-3-methylglutaryl-CoA Reductase Gene. <i>Journal of Biological Chemistry</i> , 2003, 278, 42936-42941.	1.6	94
79	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. <i>Cell Reports</i> , 2016, 16, 2373-2386.	2.9	94
80	Plasma lipoprotein metabolism in transgenic mice overexpressing apolipoprotein E. Accelerated clearance of lipoproteins containing apolipoprotein B.. <i>Journal of Clinical Investigation</i> , 1992, 90, 2084-2091.	3.9	94
81	Protein Kinase A Suppresses Sterol Regulatory Element-binding Protein-1C Expression via Phosphorylation of Liver X Receptor in the Liver. <i>Journal of Biological Chemistry</i> , 2007, 282, 11687-11695.	1.6	93
82	MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. <i>Nature Communications</i> , 2014, 5, 3147.	5.8	92
83	PKC $\hat{\alpha}$ in liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. <i>Journal of Clinical Investigation</i> , 2003, 112, 935-944.	3.9	89
84	HbA1c variability and the development of microalbuminuria in type 2 diabetes: Tsukuba Kawai Diabetes Registry 2. <i>Diabetologia</i> , 2012, 55, 2128-2131.	2.9	88
85	Effect of Postmenopausal Status and Age at Menopause on Type 2 Diabetes and Prediabetes in Japanese Individuals: Toranomon Hospital Health Management Center Study 17 (TOPICS 17). <i>Diabetes Care</i> , 2013, 36, 4007-4014.	4.3	88
86	Overexpression of human lipoprotein lipase in transgenic mice. Resistance to diet-induced hypertriglyceridemia and hypercholesterolemia. <i>Journal of Biological Chemistry</i> , 1993, 268, 17924-9.	1.6	88
87	Mouse Elovl-6 promoter is an SREBP target. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 261-266.	1.0	87
88	Increased clearance of plasma cholesterol after injection of apolipoprotein E into Watanabe heritable hyperlipidemic rabbits.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 665-669.	3.3	86
89	Palmitate Impairs and Eicosapentaenoate Restores Insulin Secretion Through Regulation of SREBP-1c in Pancreatic Islets. <i>Diabetes</i> , 2008, 57, 2382-2392.	0.3	84
90	Glycogen shortage during fasting triggers liver $\hat{\alpha}$ “brain $\hat{\alpha}$ “adipose neurocircuitry to facilitate fat utilization. <i>Nature Communications</i> , 2013, 4, 2316.	5.8	84

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91	Apolipoprotein E prevents the progression of atherosclerosis in Watanabe heritable hyperlipidemic rabbits.. Journal of Clinical Investigation, 1992, 89, 706-711.	3.9	82
92	Transgenic Mice Overexpressing Nuclear SREBP-1c in Pancreatic $\beta$ -Cells. Diabetes, 2005, 54, 492-499.	0.3	78
93	Apolipoprotein E and lipoprotein lipase secreted from human monocyte-derived macrophages modulate very low density lipoprotein uptake.. Journal of Biological Chemistry, 1990, 265, 3040-3047.	1.6	78
94	Deranged fatty acid composition causes pulmonary fibrosis in Elovl6-deficient mice. Nature Communications, 2013, 4, 2563.	5.8	77
95	Sterol Regulatory Element-binding Protein-1 as a Dominant Transcription Factor for Gene Regulation of Lipogenic Enzymes in the Liver. Trends in Cardiovascular Medicine, 2000, 10, 275-278.	2.3	75
96	Cyclin-dependent Kinase Inhibitor, p21WAF1/CIP1, Is Involved in Adipocyte Differentiation and Hypertrophy, Linking to Obesity, and Insulin Resistance. Journal of Biological Chemistry, 2008, 283, 21220-21229.	1.6	75
97	Acetyl-coenzyme A synthetase is a lipogenic enzyme controlled by SREBP-1 and energy status. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E222-E230.	1.8	74
98	Identification of a Novel Member of the Carboxylesterase Family That Hydrolyzes Triacylglycerol: A Potential Role in Adipocyte Lipolysis. Diabetes, 2006, 55, 2091-2097.	0.3	73
99	Plasma apolipoproteins in patients with multi-infarct dementia. Atherosclerosis, 1989, 79, 257-260.	0.4	72
100	Asialoglycoprotein Receptor Deficiency in Mice Lacking the Major Receptor Subunit. Journal of Biological Chemistry, 2001, 276, 12624-12628.	1.6	72
101	Differential phenotypic expression by three mutant alleles in familial lecithin:cholesterol acyltransferase deficiency. Lancet, The, 1991, 338, 778-781.	6.3	71
102	Scavenger Receptor Expressed by Endothelial Cells I (SREC-I) Mediates the Uptake of Acetylated Low Density Lipoproteins by Macrophages Stimulated with Lipopolysaccharide. Journal of Biological Chemistry, 2004, 279, 30938-30944.	1.6	70
103	Distinct Effects of Pravastatin, Atorvastatin, and Simvastatin on Insulin Secretion from a $\beta$ -cell Line, MIN6 Cells. Journal of Atherosclerosis and Thrombosis, 2006, 13, 329-335.	0.9	70
104	Mutational analysis of human lipoprotein lipase by carboxy-terminal truncation. Journal of Lipid Research, 1993, 34, 1765-1772.	2.0	69
105	Macrophage colony stimulating factor prevents the progression of atherosclerosis in Watanabe heritable hyperlipidemic rabbits. Atherosclerosis, 1992, 93, 245-254.	0.4	68
106	Increased Risk Factors for Coronary Artery Disease in Japanese Subjects With Hyperinsulinemia or Glucose Intolerance. Diabetes Care, 1994, 17, 107-114.	4.3	67
107	Insulin Inhibits Apoptosis of Macrophage Cell Line, THP-1 Cells, via Phosphatidylinositol-3-Kinase-Dependent Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 380-386.	1.1	67
108	Epigenetic modulation of Fgf21 in the perinatal mouse liver ameliorates diet-induced obesity in adulthood. Nature Communications, 2018, 9, 636.	5.8	67

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109	Expression of M-CSF receptor encoded by c-fms on smooth muscle cells derived from arteriosclerotic lesion.. Journal of Biological Chemistry, 1992, 267, 5693-5699.	1.6	67
110	In Search of the Ideal Resistance Training Program to Improve Glycemic Control and its Indication for Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. Sports Medicine, 2016, 46, 67-77.	3.1	66
111	Sterol Regulatory Element-binding Protein-2 Interacts with Hepatocyte Nuclear Factor-4 to Enhance Sterol Isomerase Gene Expression in Hepatocytes. Journal of Biological Chemistry, 2003, 278, 36176-36182.	1.6	64
112	Eplerenone ameliorates the phenotypes of metabolic syndrome with NASH in liver-specific SREBP-1c Tg mice fed high-fat and high-fructose diet. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1415-E1425.	1.8	64
113	Oxidation-labile subfraction of human plasma low density lipoprotein isolated by ion-exchange chromatography. Journal of Lipid Research, 1991, 32, 763-774.	2.0	64
114	Molecular mechanisms involved in hepatic steatosis and insulin resistance. Journal of Diabetes Investigation, 2011, 2, 170-175.	1.1	62
115	CREBH Regulates Systemic Glucose and Lipid Metabolism. International Journal of Molecular Sciences, 2018, 19, 1396.	1.8	62
116	Expression of M-CSF receptor encoded by c-fms on smooth muscle cells derived from arteriosclerotic lesion. Journal of Biological Chemistry, 1992, 267, 5693-9.	1.6	62
117	Estrogen receptor ligands ameliorate fatty liver through a nonclassical estrogen receptor/Liver X receptor pathway in mice. Hepatology, 2014, 59, 1791-1802.	3.6	61
118	Mouse MafA, homologue of zebrafish somite Maf 1, contributes to the specific transcriptional activity through the insulin promoter. Biochemical and Biophysical Research Communications, 2003, 312, 831-842.	1.0	60
119	Granuphilin is activated by SREBP-1c and involved in impaired insulin secretion in diabetic mice. Cell Metabolism, 2006, 4, 143-154.	7.2	60
120	Effects of Pitavastatin (LIVALO Tablet) on High Density Lipoprotein Cholesterol (HDL-C) in Hypercholesterolemia Sub-Analysis of LIVALO Effectiveness and Safety (LIVES) Study. Journal of Atherosclerosis and Thrombosis, 2009, 16, 654-661.	0.9	60
121	Scleraxis and E47 cooperatively regulate the Sox9-dependent transcription. International Journal of Biochemistry and Cell Biology, 2010, 42, 148-156.	1.2	60
122	The liver-enriched transcription factor CREBH is nutritionally regulated and activated by fatty acids and PPAR $\alpha$ . Biochemical and Biophysical Research Communications, 2010, 391, 1222-1227.	1.0	60
123	Brg1 regulates pro-lipogenic transcription by modulating SREBP activity in hepatocytes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 2881-2889.	1.8	60
124	Absence of Cd36 mutation in the original spontaneously hypertensive rats with insulin resistance. Nature Genetics, 1999, 22, 226-228.	9.4	59
125	Skeletal muscle-specific HMG-CoA reductase knockout mice exhibit rhabdomyolysis: A model for statin-induced myopathy. Biochemical and Biophysical Research Communications, 2015, 466, 536-540.	1.0	59
126	Comparative Binding Analysis of Dipeptidyl Peptidase IV (DPP-4) with Antidiabetic Drugs – An Ab Initio Fragment Molecular Orbital Study. PLoS ONE, 2016, 11, e0166275.	1.1	59



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127	Human monocyte colony-stimulating factor enhances the clearance of lipoproteins containing apolipoprotein B-100 via both low density lipoprotein receptor-dependent and -independent pathways in rabbits.. Journal of Biological Chemistry, 1990, 265, 12869-12875.	1.6	58
128	Resistin is regulated by C/EBPs, PPARs, and signal-transducing molecules. Biochemical and Biophysical Research Communications, 2002, 299, 291-298.	1.0	57
129	Statins downregulate ATP-binding-cassette transporter A1 gene expression in macrophages. Biochemical and Biophysical Research Communications, 2004, 316, 790-794.	1.0	57
130	Effects of Pitavastatin (LIVALO Tablet) on the Estimated Glomerular Filtration Rate (eGFR) in Hypercholesterolemic Patients with Chronic Kidney Disease. Journal of Atherosclerosis and Thrombosis, 2010, 17, 601-609.	0.9	57
131	Elevated levels of vascular endothelial growth factor in the sera of patients with rheumatoid arthritis Correlation with disease activity. Life Sciences, 2001, 69, 1861-1869.	2.0	56
132	Insulin Up-regulates Tumor Necrosis Factor- $\alpha$ Production in Macrophages through an Extracellular-regulated Kinase-dependent Pathway. Journal of Biological Chemistry, 2001, 276, 32531-32537.	1.6	56
133	Involvement of glomerular SREBP-1c in diabetic nephropathy. Biochemical and Biophysical Research Communications, 2007, 364, 502-508.	1.0	56
134	Absence of Hormone-sensitive Lipase Inhibits Obesity and Adipogenesis in Lep Mice. Journal of Biological Chemistry, 2004, 279, 15084-15090.	1.6	55
135	Lipid Synthetic Transcription Factor SREBP-1a Activates p21WAF1/CIP1, a Universal Cyclin-Dependent Kinase Inhibitor. Molecular and Cellular Biology, 2005, 25, 8938-8947.	1.1	55
136	Platelet-derived growth factor induces c-fms and scavenger receptor genes in vascular smooth muscle cells. Journal of Biological Chemistry, 1992, 267, 13107-12.	1.6	55
137	Apolipoprotein E and lipoprotein lipase secreted from human monocyte-derived macrophages modulate very low density lipoprotein uptake. Journal of Biological Chemistry, 1990, 265, 3040-7.	1.6	55
138	Effect of thiazolidinediones and metformin on LDL oxidation and aortic endothelium relaxation in diabetic GK rats. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E1125-E1130.	1.8	54
139	Screening for pre-diabetes to predict future diabetes using various cutoff points for HbA <sub>1c</sub> and impaired fasting glucose: the Toranomon Hospital Health Management Center Study 4 (TOPICS 4). Diabetic Medicine, 2012, 29, e279-85.	1.2	54
140	Ligand-Activated PPAR $\alpha$ -Dependent DNA Demethylation Regulates the Fatty Acid $\beta$ -Oxidation Genes in the Postnatal Liver. Diabetes, 2015, 64, 775-784.	0.3	53
141	Platelet-derived growth factor induces c-fms and scavenger receptor genes in vascular smooth muscle cells.. Journal of Biological Chemistry, 1992, 267, 13107-13112.	1.6	53
142	Expression of platelet-derived growth factor beta receptor on human monocyte-derived macrophages and effects of platelet-derived growth factor BB dimer on the cellular function.. Journal of Biological Chemistry, 1993, 268, 24353-24360.	1.6	53
143	Secretion-recapture process of apolipoprotein E in hepatic uptake of chylomicron remnants in transgenic mice.. Journal of Clinical Investigation, 1994, 93, 2215-2223.	3.9	53
144	Subendocardial Systolic Dysfunction in Asymptomatic Normotensive Diabetic Patients. Circulation Journal, 2015, 79, 1749-1755.	0.7	52

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