

Hitoshi Shimano

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383
papers

24,627
citations

77
h-index

145
g-index

417
ext. papers

27,253
ext. citations

6.4
avg, IF

6.49
L-index

#	Paper	IF	Citations
383	Cardiorespiratory fitness as a quantitative predictor of all-cause mortality and cardiovascular events in healthy men and women: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 2024-35	27.4	1725
382	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, 1575-84	15.9	655
381	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, 846-54	15.9	632
380	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, 838-45	15.9	601
379	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, 5987-92	11.5	543
378	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, 2331-9	15.9	537
377	Sterol regulatory element-binding proteins (SREBPs): transcriptional regulators of lipid synthetic genes. <i>Progress in Lipid Research</i> , 2001 , 40, 439-52	14.3	534
376	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, 35832-9	5.4	523
375	TGF-beta activates Akt kinase through a microRNA-dependent amplifying circuit targeting PTEN. <i>Nature Cell Biology</i> , 2009 , 11, 881-9	23.4	482
374	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	4.8	433
373	Crucial role of a long-chain fatty acid elongase, Elovl6, in obesity-induced insulin resistance. <i>Nature Medicine</i> , 2007 , 13, 1193-202	50.5	380
372	Effect of aerobic exercise training on serum levels of high-density lipoprotein cholesterol: a meta-analysis. <i>Archives of Internal Medicine</i> , 2007 , 167, 999-1008		379
371	SREBP-regulated lipid metabolism: convergent physiology - divergent pathophysiology. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 710-730	15.2	368
370	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, 2115-24	15.9	342
369	Troglitazone inhibits atherosclerosis in apolipoprotein E-knockout mice: pleiotropic effects on CD36 expression and HDL. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 372-7	9.4	301
368	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, 1705-11	5.4	299
367	Absence of sterol regulatory element-binding protein-1 (SREBP-1) ameliorates fatty livers but not obesity or insulin resistance in <i>Lep(ob)/Lep(ob)</i> mice. <i>Journal of Biological Chemistry</i> , 2002 , 277, 19353-7	5.4	284

366	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, 35299-306	5.4	283
365	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, 35840-4	5.4	272
364	Transcriptional activities of nuclear SREBP-1a, -1c, and -2 to different target promoters of lipogenic and cholesterogenic genes. <i>Journal of Lipid Research</i> , 2002 , 43, 1220-1235	6.3	262
363	SREBPs suppress IRS-2-mediated insulin signalling in the liver. <i>Nature Cell Biology</i> , 2004 , 6, 351-7	23.4	260
362	Polyunsaturated fatty acids ameliorate hepatic steatosis in obese mice by SREBP-1 suppression. <i>Hepatology</i> , 2003 , 38, 1529-39	11.2	251
361	Dual regulation of mouse β - and β -desaturase gene expression by SREBP-1 and PPAR α . <i>Journal of Lipid Research</i> , 2002 , 43, 107-114	6.3	229
360	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, 1240-54		214
359	Dual regulation of mouse Delta(5)- and Delta(6)-desaturase gene expression by SREBP-1 and PPARalpha. <i>Journal of Lipid Research</i> , 2002 , 43, 107-14	6.3	206
358	Promoter analysis of the mouse sterol regulatory element-binding protein-1c gene. <i>Journal of Biological Chemistry</i> , 2000 , 275, 31078-85	5.4	198
357	Co-ordinate activation of lipogenic enzymes in hepatocellular carcinoma. <i>European Journal of Cancer</i> , 2005 , 41, 1316-22	7.5	183
356	HbA1c 5.7-6.4% 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, The</i> , 2011 , 378, 147-55	4.0	167
355	Severe hypercholesterolemia, hypertriglyceridemia, and atherosclerosis in mice lacking both leptin and the low density lipoprotein receptor. <i>Journal of Biological Chemistry</i> , 2001 , 276, 37402-8	5.4	166
354	Sterol regulatory element-binding proteins induce an entire pathway of cholesterol synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 286, 176-83	3.4	164
353	Skipping breakfast and prevalence of overweight and obesity in Asian and Pacific regions: a meta-analysis. <i>Preventive Medicine</i> , 2011 , 53, 260-7	4.3	155
352	p53 Activation in adipocytes of obese mice. <i>Journal of Biological Chemistry</i> , 2003 , 278, 25395-400	5.4	155
351	Insulin-independent induction of sterol regulatory element-binding protein-1c expression in the livers of streptozotocin-treated mice. <i>Diabetes</i> , 2004 , 53, 560-9	0.9	151
350	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, 959-69	3.8	150
349	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, 492-6	3.4	148

348	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, 1067-76	15.9	148
347	MicroRNA-33 regulates sterol regulatory element-binding protein 1 expression in mice. <i>Nature Communications</i> , 2013 , 4, 2883	17.4	147
346	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, 21324-30	5.4	143
345	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	6.3	142
344	Diabetes and risk of hearing impairment in adults: a meta-analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 51-8	5.6	141
343	SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. <i>Cell Metabolism</i> , 2017 , 25, 412-427	24.6	140
342	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, 1255-67		140
341	FEEL-1 and FEEL-2 are endocytic receptors for advanced glycation end products. <i>Journal of Biological Chemistry</i> , 2003 , 278, 12613-7	5.4	138
340	PKC η 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	15.9	136
339	Hepatic Akt activation induces marked hypoglycemia, hepatomegaly, and hypertriglyceridemia with sterol regulatory element binding protein involvement. <i>Diabetes</i> , 2003 , 52, 2905-13	0.9	132
338	Cholesterol feeding reduces nuclear forms of sterol regulatory element binding proteins in hamster liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 12354-9	11.5	127
337	Parasympathetic response in chick myocytes and mouse heart is controlled by SREBP. <i>Journal of Clinical Investigation</i> , 2008 , 118, 259-71	15.9	126
336	SREBPs: physiology and pathophysiology of the SREBP family. <i>FEBS Journal</i> , 2009 , 276, 616-21	5.7	124
335	TFE3 transcriptionally activates hepatic IRS-2, participates in insulin signaling and ameliorates diabetes. <i>Nature Medicine</i> , 2006 , 12, 107-13	50.5	124
334	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, 911-20	6.3	123
333	Overexpression of apolipoprotein E in transgenic mice: marked reduction in plasma lipoproteins except high density lipoprotein and resistance against diet-induced hypercholesterolemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 1750-4	11.5	122
332	Elovl6 promotes nonalcoholic steatohepatitis. <i>Hepatology</i> , 2012 , 56, 2199-208	11.2	120
331	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, 12027-35	5.4	120

330	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, 959-65	14.6	119
329	Sterol regulatory element-binding protein-1 is regulated by glucose at the transcriptional level. <i>Journal of Biological Chemistry</i> , 2000 , 275, 31069-77	5.4	117
328	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	6.3	115
327	Association between physical activity and risk of all-cause mortality and cardiovascular disease in patients with diabetes: a meta-analysis. <i>Diabetes Care</i> , 2013 , 36, 471-9	14.6	114
326	Elovl6: a new player in fatty acid metabolism and insulin sensitivity. <i>Journal of Molecular Medicine</i> , 2009 , 87, 379-84	5.5	110
325	Inhibition of diet-induced atheroma formation in transgenic mice expressing apolipoprotein E in the arterial wall. <i>Journal of Clinical Investigation</i> , 1995 , 95, 469-76	15.9	110
324	Monocyte colony-stimulating factor enhances uptake and degradation of acetylated low density lipoproteins and cholesterol esterification in human monocyte-derived macrophages.. <i>Journal of Biological Chemistry</i> , 1990 , 265, 14109-14117	5.4	108
323	Neutralization of vascular endothelial growth factor prevents collagen-induced arthritis and ameliorates established disease in mice. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 281, 562-8	3.4	104
322	Polyunsaturated fatty acids selectively suppress sterol regulatory element-binding protein-1 through proteolytic processing and autoloop regulatory circuit. <i>Journal of Biological Chemistry</i> , 2010 , 285, 11681-91	5.4	103
321	Monocyte colony-stimulating factor enhances uptake and degradation of acetylated low density lipoproteins and cholesterol esterification in human monocyte-derived macrophages. <i>Journal of Biological Chemistry</i> , 1990 , 265, 14109-17	5.4	102
320	Sterol regulatory element-binding protein family as global regulators of lipid synthetic genes in energy metabolism. <i>Vitamins and Hormones</i> , 2002 , 65, 167-94	2.5	99
319	Heterogeneous mutations in the human lipoprotein lipase gene in patients with familial lipoprotein lipase deficiency. <i>Journal of Clinical Investigation</i> , 1991 , 88, 1856-64	15.9	99
318	Effect of Web-based lifestyle modification on weight control: a meta-analysis. <i>International Journal of Obesity</i> , 2012 , 36, 675-85	5.5	98
317	Lipolysis in the absence of hormone-sensitive lipase: evidence for a common mechanism regulating distinct lipases. <i>Diabetes</i> , 2002 , 51, 3368-75	0.9	98
316	Transcriptional regulation of the ATP citrate-lyase gene by sterol regulatory element-binding proteins. <i>Journal of Biological Chemistry</i> , 2000 , 275, 12497-502	5.4	98
315	Overexpression of human lipoprotein lipase in transgenic mice. Resistance to diet-induced hypertriglyceridemia and hypercholesterolemia.. <i>Journal of Biological Chemistry</i> , 1993 , 268, 17924-17929	5.4	93
314	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	4.9	90
313	SREBP-1-independent regulation of lipogenic gene expression in adipocytes. <i>Journal of Lipid Research</i> , 2007 , 48, 1581-91	6.3	90

312	p57Kip2 regulates actin dynamics by binding and translocating LIM-kinase 1 to the nucleus. <i>Journal of Biological Chemistry</i> , 2003 , 278, 52919-23	5.4	88
311	p53 involvement in the pathogenesis of fatty liver disease. <i>Journal of Biological Chemistry</i> , 2004 , 279, 20571-5	5.4	87
310	Plasma lipoprotein metabolism in transgenic mice overexpressing apolipoprotein E. Accelerated clearance of lipoproteins containing apolipoprotein B. <i>Journal of Clinical Investigation</i> , 1992 , 90, 2084-91	15.9	84
309	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, 665-9	11.5	81
308	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, 11687-95	5.4	79
307	PKCλ 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, 935-44	15.9	79
306	Mouse Elovl-6 promoter is an SREBP target. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 368, 261-6	3.4	77
305	Early embryonic lethality caused by targeted disruption of the 3-hydroxy-3-methylglutaryl-CoA reductase gene. <i>Journal of Biological Chemistry</i> , 2003 , 278, 42936-41	5.4	77
304	HbA(1c) variability and the development of microalbuminuria in type 2 diabetes: Tsukuba Kawai Diabetes Registry 2. <i>Diabetologia</i> , 2012 , 55, 2128-31	10.3	75
303	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, 21383-8	11.5	75
302	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	5.4	74
301	Apolipoprotein E prevents the progression of atherosclerosis in Watanabe heritable hyperlipidemic rabbits. <i>Journal of Clinical Investigation</i> , 1992 , 89, 706-11	15.9	74
300	Transgenic mice overexpressing nuclear SREBP-1c in pancreatic beta-cells. <i>Diabetes</i> , 2005 , 54, 492-9	0.9	73
299	Palmitate impairs and eicosapentaenoate restores insulin secretion through regulation of SREBP-1c in pancreatic islets. <i>Diabetes</i> , 2008 , 57, 2382-92	0.9	72
298	Cholesterol accumulation and diabetes in pancreatic beta-cell-specific SREBP-2 transgenic mice: a new model for lipotoxicity. <i>Journal of Lipid Research</i> , 2008 , 49, 2524-34	6.3	71
297	MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. <i>Nature Communications</i> , 2014 , 5, 3147	17.4	69
296	Identification of a novel member of the carboxylesterase family that hydrolyzes triacylglycerol: a potential role in adipocyte lipolysis. <i>Diabetes</i> , 2006 , 55, 2091-7	0.9	69
295	Cyclin-dependent kinase inhibitor, p21WAF1/CIP1, is involved in adipocyte differentiation and hypertrophy, linking to obesity, and insulin resistance. <i>Journal of Biological Chemistry</i> , 2008 , 283, 21220-5	5.4	68

294	Acetyl-coenzyme A synthetase is a lipogenic enzyme controlled by SREBP-1 and energy status. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E222-30	6	67
293	Saturated Fatty Acids Undergo Intracellular Crystallization and Activate the NLRP3 Inflammasome in Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 744-756	9.4	66
292	Sterol regulatory element-binding protein-1 as a dominant transcription factor for gene regulation of lipogenic enzymes in the liver. <i>Trends in Cardiovascular Medicine</i> , 2000 , 10, 275-8	6.9	65
291	The selective peroxisome proliferator-activated receptor alpha modulator (SPPARM) paradigm: conceptual framework and therapeutic potential : A consensus statement from the International Atherosclerosis Society (IAS) and the Residual Risk Reduction Initiative (R3i) Foundation. <i>Circulation</i> , 2012 , 126, 16-21	8.7	64
290	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, 4007-14	14.6	64
289	Asialoglycoprotein receptor deficiency in mice lacking the major receptor subunit. Its obligate requirement for the stable expression of oligomeric receptor. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12624-8	5.4	64
288	Plasma apolipoproteins in patients with multi-infarct dementia. <i>Atherosclerosis</i> , 1989 , 79, 257-60	3.1	64
287	Apolipoprotein E and lipoprotein lipase secreted from human monocyte-derived macrophages modulate very low density lipoprotein uptake.. <i>Journal of Biological Chemistry</i> , 1990 , 265, 3040-3047	5.4	62
286	Distinct effects of pravastatin, atorvastatin, and simvastatin on insulin secretion from a beta-cell line, MIN6 cells. <i>Journal of Atherosclerosis and Thrombosis</i> , 2006 , 13, 329-35	4	61
285	Mutational analysis of human lipoprotein lipase by carboxy-terminal truncation. <i>Journal of Lipid Research</i> , 1993 , 34, 1765-1772	6.3	61
284	Glycogen shortage during fasting triggers liver-brain-adipose neurocircuitry to facilitate fat utilization. <i>Nature Communications</i> , 2013 , 4, 2316	17.4	60
283	Macrophage colony stimulating factor prevents the progression of atherosclerosis in Watanabe heritable hyperlipidemic rabbits. <i>Atherosclerosis</i> , 1992 , 93, 245-54	3.1	60
282	Differential phenotypic expression by three mutant alleles in familial lecithin:cholesterol acyltransferase deficiency. <i>Lancet, The</i> , 1991 , 338, 778-81	40	60
281	Sterol regulatory element-binding protein-2 interacts with hepatocyte nuclear factor-4 to enhance sterol isomerase gene expression in hepatocytes. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36176-82	5.4	58
280	Mouse MafA, homologue of zebrafish somite Maf 1, contributes to the specific transcriptional activity through the insulin promoter. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 312, 831-42	3.4	57
279	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. <i>Cell Reports</i> , 2016 , 16, 2373-86	10.6	56
278	Effects of pitavastatin (LIVALO Tablet) on high density lipoprotein cholesterol (HDL-C) in hypercholesterolemia. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009 , 16, 654-61	4	55
277	Granuphilin is activated by SREBP-1c and involved in impaired insulin secretion in diabetic mice. <i>Cell Metabolism</i> , 2006 , 4, 143-54	24.6	55

276	Resistin is regulated by C/EBPs, PPARs, and signal-transducing molecules. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 299, 291-8	3-4	54
275	Absence of Cd36 mutation in the original spontaneously hypertensive rats with insulin resistance. <i>Nature Genetics</i> , 1999 , 22, 226-8	36.3	54
274	The liver-enriched transcription factor CREBH is nutritionally regulated and activated by fatty acids and PPARalpha. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 391, 1222-7	3-4	53
273	Estrogen receptor ligands ameliorate fatty liver through a nonclassical estrogen receptor/Liver X receptor pathway in mice. <i>Hepatology</i> , 2014 , 59, 1791-802	11.2	52
272	Eplerenone ameliorates the phenotypes of metabolic syndrome with NASH in liver-specific SREBP-1c Tg mice fed high-fat and high-fructose diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E1415-25	6	52
271	Scavenger receptor expressed by endothelial cells I (SREC-I) mediates the uptake of acetylated low density lipoproteins by macrophages stimulated with lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2004 , 279, 30938-44	5-4	52
270	Expression of M-CSF receptor encoded by c-fms on smooth muscle cells derived from arteriosclerotic lesion.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 5693-5699	5-4	52
269	Scleraxis and E47 cooperatively regulate the Sox9-dependent transcription. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 148-56	5.6	51
268	Statins downregulate ATP-binding-cassette transporter A1 gene expression in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 316, 790-4	3-4	51
267	Expression of M-CSF receptor encoded by c-fms on smooth muscle cells derived from arteriosclerotic lesion. <i>Journal of Biological Chemistry</i> , 1992 , 267, 5693-9	5-4	51
266	Oxidation-labile subfraction of human plasma low density lipoprotein isolated by ion-exchange chromatography. <i>Journal of Lipid Research</i> , 1991 , 32, 763-774	6.3	51
265	Deranged fatty acid composition causes pulmonary fibrosis in Elovl6-deficient mice. <i>Nature Communications</i> , 2013 , 4, 2563	17.4	50
264	Effect of thiazolidinediones and metformin on LDL oxidation and aortic endothelium relaxation in diabetic GK rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E1125-30	6	50
263	Lipid synthetic transcription factor SREBP-1a activates p21WAF1/CIP1, a universal cyclin-dependent kinase inhibitor. <i>Molecular and Cellular Biology</i> , 2005 , 25, 8938-47	4.8	50
262	Oxidation-labile subfraction of human plasma low density lipoprotein isolated by ion-exchange chromatography. <i>Journal of Lipid Research</i> , 1991 , 32, 763-73	6.3	50
261	Secretion-recapture process of apolipoprotein E in hepatic uptake of chylomicron remnants in transgenic mice. <i>Journal of Clinical Investigation</i> , 1994 , 93, 2215-23	15.9	50
260	Skeletal muscle-specific HMG-CoA reductase knockout mice exhibit rhabdomyolysis: A model for statin-induced myopathy. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 466, 536-40	3-4	49
259	Screening for pre-diabetes to predict future diabetes using various cut-off points for HbA(1c) and impaired fasting glucose: the Toranomon Hospital Health Management Center Study 4 (TOPICS 4). <i>Diabetic Medicine</i> , 2012 , 29, e279-85	3.5	49

258	Increased risk factors for coronary artery disease in Japanese subjects with hyperinsulinemia or glucose intolerance. <i>Diabetes Care</i> , 1994 , 17, 107-14	14.6	49
257	Effects of pitavastatin (LIVALO tablet) on the estimated glomerular filtration rate (eGFR) in hypercholesterolemic patients with chronic kidney disease. Sub-analysis of the LIVALO Effectiveness and Safety (LIVES) Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010 , 17, 601-9	4	48
256	Insulin inhibits apoptosis of macrophage cell line, THP-1 cells, via phosphatidylinositol-3-kinase-dependent pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 380-6	9.4	48
255	Involvement of glomerular SREBP-1c in diabetic nephropathy. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 364, 502-8	3.4	47
254	Elevated levels of vascular endothelial growth factor in the sera of patients with rheumatoid arthritis correlation with disease activity. <i>Life Sciences</i> , 2001 , 69, 1861-9	6.8	47
253	Apolipoprotein E and lipoprotein lipase secreted from human monocyte-derived macrophages modulate very low density lipoprotein uptake. <i>Journal of Biological Chemistry</i> , 1990 , 265, 3040-7	5.4	47
252	Hormone-sensitive lipase is involved in hepatic cholesteryl ester hydrolysis. <i>Journal of Lipid Research</i> , 2008 , 49, 1829-38	6.3	46
251	Proposed guidelines for hypertriglyceridemia in Japan with non-HDL cholesterol as the second target. <i>Journal of Atherosclerosis and Thrombosis</i> , 2008 , 15, 116-21	4	46
250	Epigenetic modulation of Fgf21 in the perinatal mouse liver ameliorates diet-induced obesity in adulthood. <i>Nature Communications</i> , 2018 , 9, 636	17.4	45
249	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. <i>Sports Medicine</i> , 2016 , 46, 67-77	10.6	45
248	Absence of hormone-sensitive lipase inhibits obesity and adipogenesis in Lep ob/ob mice. <i>Journal of Biological Chemistry</i> , 2004 , 279, 15084-90	5.4	45
247	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.. <i>Journal of Biological Chemistry</i> , 1990 , 265, 12869-12875	5.4	45
246	Insulin up-regulates tumor necrosis factor-alpha production in macrophages through an extracellular-regulated kinase-dependent pathway. <i>Journal of Biological Chemistry</i> , 2001 , 276, 32531-7	5.4	44
245	Platelet-derived growth factor induces c-fms and scavenger receptor genes in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 1992 , 267, 13107-12	5.4	44
244	Molecular mechanisms involved in hepatic steatosis and insulin resistance. <i>Journal of Diabetes Investigation</i> , 2011 , 2, 170-5	3.9	43
243	Platelet-derived growth factor induces c-fms and scavenger receptor genes in vascular smooth muscle cells.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 13107-13112	5.4	43
242	Induction of LDL receptor-related protein during the differentiation of monocyte-macrophages. Possible involvement in the atherosclerotic process. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1994 , 14, 1000-6		42
241	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.. <i>Journal of Biological Chemistry</i> , 1993 , 268, 24353-24360	5.4	42

240	Brg1 regulates pro-lipogenic transcription by modulating SREBP activity in hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 2881-2889	6.9	41
239	Subendocardial Systolic Dysfunction in Asymptomatic Normotensive Diabetic Patients. <i>Circulation Journal</i> , 2015 , 79, 1749-55	2.9	41
238	Antioxidants and an inhibitor of advanced glycation ameliorate death of retinal microvascular cells in diabetic retinopathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2006 , 22, 38-45	7.5	40
237	Different Effects of Eicosapentaenoic and Docosahexaenoic Acids on Atherogenic High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease in Mice. <i>PLoS ONE</i> , 2016 , 11, e0157580	3.7	40
236	New evidence on pitavastatin: efficacy and safety in clinical studies. <i>Expert Opinion on Pharmacotherapy</i> , 2010 , 11, 817-28	4	39
235	SREBP-1c and TFE3, energy transcription factors that regulate hepatic insulin signaling. <i>Journal of Molecular Medicine</i> , 2007 , 85, 437-44	5.5	39
234	Ligand-activated PPARE-dependent DNA demethylation regulates the fatty acid oxidation genes in the postnatal liver. <i>Diabetes</i> , 2015 , 64, 775-84	0.9	38
233	Comparison of various lipid variables as predictors of coronary heart disease in Japanese men and women with type 2 diabetes: subanalysis of the Japan Diabetes Complications Study. <i>Diabetes Care</i> , 2012 , 35, 1150-7	14.6	38
232	Effects of atorvastatin on glucose metabolism and insulin resistance in KK/Ay mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2005 , 12, 77-84	4	38
231	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. <i>Journal of Biological Chemistry</i> , 1990 , 265, 12869-75	5.4	38
230	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. <i>Journal of Biological Chemistry</i> , 1993 , 268, 24353-60	5.4	38
229	Comparative Binding Analysis of Dipeptidyl Peptidase IV (DPP-4) with Antidiabetic Drugs - An Ab Initio Fragment Molecular Orbital Study. <i>PLoS ONE</i> , 2016 , 11, e0166275	3.7	38
228	Sunitinib induces apoptosis in pheochromocytoma tumor cells by inhibiting VEGFR2/Akt/mTOR/S6K1 pathways through modulation of Bcl-2 and BAD. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E615-25	6	37
227	Cholesteryl ester transfer protein deficiency caused by a nonsense mutation detected in the patient's macrophage mRNA. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 194, 519-24	3.4	37
226	HMG-CoA reductase inhibitor decreases small dense low-density lipoprotein and remnant-like particle cholesterol in patients with type-2 diabetes. <i>Life Sciences</i> , 2002 , 71, 2403-12	6.8	36
225	Novel qualitative aspects of tissue fatty acids related to metabolic regulation: lessons from Elovl6 knockout. <i>Progress in Lipid Research</i> , 2012 , 51, 267-71	14.3	35
224	Inhibition of autophagy enhances sunitinib-induced cytotoxicity in rat pheochromocytoma PC12 cells. <i>Journal of Pharmacological Sciences</i> , 2013 , 121, 67-73	3.7	35
223	Physiological changes in circulating mannose levels in normal, glucose-intolerant, and diabetic subjects. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 1019-27	12.7	35

222	PPAR gamma ligands, troglitazone and pioglitazone, up-regulate expression of HMG-CoA synthase and HMG-CoA reductase gene in THP-1 macrophages. <i>FEBS Letters</i> , 2002 , 520, 177-81	3.8	35
221	Molecular association model of PPAR α and its new specific and efficient ligand, pemafibrate: Structural basis for SPPARM. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 499, 239-245	3.4	34
220	Hepatic CREB3L3 controls whole-body energy homeostasis and improves obesity and diabetes. <i>Endocrinology</i> , 2014 , 155, 4706-19	4.8	34
219	Macrophage colony-stimulating factor regulates both activities of neutral and acidic cholesteryl ester hydrolases in human monocyte-derived macrophages. <i>Journal of Clinical Investigation</i> , 1993 , 92, 750-7	15.9	34
218	CREBH Regulates Systemic Glucose and Lipid Metabolism. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	33
217	Development of a new scoring system for predicting the 5-year incidence of type 2 diabetes in Japan: the Toranomon Hospital Health Management Center Study 6 (TOPICS 6). <i>Diabetologia</i> , 2012 , 55, 3213-23	10.3	33
216	Sterol regulatory element-binding protein-1 determines plasma remnant lipoproteins and accelerates atherosclerosis in low-density lipoprotein receptor-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1788-95	9.4	33
215	Occurrence of multiple aberrantly spliced mRNAs upon a donor splice site mutation that causes familial lipoprotein lipase deficiency.. <i>Journal of Biological Chemistry</i> , 1991 , 266, 24757-24762	5.4	33
214	Detection of three separate DNA polymorphisms in the human lipoprotein lipase gene by gene amplification and restriction endonuclease digestion.. <i>Journal of Lipid Research</i> , 1992 , 33, 1067-1072	6.3	33
213	MicroRNA-33b knock-in mice for an intron of sterol regulatory element-binding factor 1 (Srebf1) exhibit reduced HDL-C in vivo. <i>Scientific Reports</i> , 2014 , 4, 5312	4.9	32
212	Longitudinal trajectories of HbA1c and fasting plasma glucose levels during the development of type 2 diabetes: the Toranomon Hospital Health Management Center Study 7 (TOPICS 7). <i>Diabetes Care</i> , 2012 , 35, 1050-2	14.6	32
211	Impact of psychological stress caused by the Great East Japan Earthquake on glycemic control in patients with diabetes. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012 , 120, 560-3	2.3	32
210	Elimination of cholesterol ester from macrophage foam cells by adenovirus-mediated gene transfer of hormone-sensitive lipase. <i>Journal of Biological Chemistry</i> , 2002 , 277, 31893-9	5.4	32
209	Distinct regulation of plasma LDL cholesterol by eicosapentaenoic acid and docosahexaenoic acid in high fat diet-fed hamsters: participation of cholesterol ester transfer protein and LDL receptor. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 88, 281-8	2.8	31
208	A transcription factor of lipid synthesis, sterol regulatory element-binding protein (SREBP)-1a causes G(1) cell-cycle arrest after accumulation of cyclin-dependent kinase (cdk) inhibitors. <i>FEBS Journal</i> , 2007 , 274, 4440-52	5.7	31
207	Even low-intensity and low-volume exercise training may improve insulin resistance in the elderly. <i>Internal Medicine</i> , 2007 , 46, 1071-7	1.1	31
206	Effects of K-877, a novel selective PPAR α modulator, on small intestine contribute to the amelioration of hyperlipidemia in low-density lipoprotein receptor knockout mice. <i>Journal of Pharmacological Sciences</i> , 2017 , 133, 214-222	3.7	30
205	Receptor-type protein tyrosine phosphatase epsilon (PTPepsilonM) is a negative regulator of insulin signaling in primary hepatocytes and liver. <i>Zoological Science</i> , 2005 , 22, 169-75	0.8	30

204	Carotid artery plaque and LDL-to-HDL cholesterol ratio predict atherosclerotic status in coronary arteries in asymptomatic patients with type 2 diabetes mellitus. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 452-64	4	29
203	Efficacy and safety of pitavastatin in Japanese patients with hypercholesterolemia: LIVES study and subanalysis. <i>Expert Review of Cardiovascular Therapy</i> , 2011 , 9, 555-62	2.5	29
202	Diffusion tensor imaging in chronic subdural hematoma: correlation between clinical signs and fractional anisotropy in the pyramidal tract. <i>American Journal of Neuroradiology</i> , 2008 , 29, 1159-63	4.4	29
201	SREBP-1c expression in Schwann cells is affected by diabetes and nutritional status. <i>Molecular and Cellular Neurosciences</i> , 2007 , 35, 525-34	4.8	29
200	Occurrence of multiple aberrantly spliced mRNAs upon a donor splice site mutation that causes familial lipoprotein lipase deficiency. <i>Journal of Biological Chemistry</i> , 1991 , 266, 24757-62	5.4	29
199	Selective peroxisome proliferator-activated receptor- γ modulator K-877 efficiently activates the peroxisome proliferator-activated receptor- γ pathway and improves lipid metabolism in mice. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 446-452	3.9	28
198	The Peroxisome Proliferator-Activated Receptor γ Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	28
197	High risk of failing eradication of <i>Helicobacter pylori</i> in patients with diabetes: a meta-analysis. <i>Diabetes Research and Clinical Practice</i> , 2014 , 106, 81-7	7.4	28
196	High mobility group protein-B1 interacts with sterol regulatory element-binding proteins to enhance their DNA binding. <i>Journal of Biological Chemistry</i> , 2005 , 280, 27523-32	5.4	28
195	CTG triplet repeat in mouse growth inhibitory factor/metallothionein III gene promoter represses the transcriptional activity of the heterologous promoters. <i>Journal of Biological Chemistry</i> , 1995 , 270, 20898-900	5.4	28
194	Role of alcohol drinking pattern in type 2 diabetes in Japanese men: the Toranomon Hospital Health Management Center Study 11 (TOPICS 11). <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 561-8 ⁷		27
193	Increased cholesterol biosynthesis and hypercholesterolemia in mice overexpressing squalene synthase in the liver. <i>Journal of Lipid Research</i> , 2006 , 47, 1950-8	6.3	27
192	CREB3L3 controls fatty acid oxidation and ketogenesis in synergy with PPAR α . <i>Scientific Reports</i> , 2016 , 6, 39182	4.9	27
191	TFE3 controls lipid metabolism in adipose tissue of male mice by suppressing lipolysis and thermogenesis. <i>Endocrinology</i> , 2013 , 154, 3577-88	4.8	26
190	Protein kinase C β mediates hepatic induction of sterol-regulatory element binding protein-1c by insulin. <i>Journal of Lipid Research</i> , 2010 , 51, 1859-70	6.3	26
189	TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E896-902	6	26
188	Sterol regulatory element-binding protein-1c and pancreatic beta-cell dysfunction. <i>Diabetes, Obesity and Metabolism</i> , 2007 , 9 Suppl 2, 133-9	6.7	26
187	Effects of human recombinant macrophage colony-stimulating factor on the secretion of lipoprotein lipase from macrophages. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1991 , 11, 1315-21		26

186	Network meta-analysis of the relative efficacy of bariatric surgeries for diabetes remission. <i>Obesity Reviews</i> , 2018 , 19, 1621-1629	10.6	26
185	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. <i>Scientific Reports</i> , 2016 , 6, 27857	4.9	25
184	Low lung function and risk of type 2 diabetes in Japanese men: the Toranomon Hospital Health Management Center Study 9 (TOPICS 9). <i>Mayo Clinic Proceedings</i> , 2012 , 87, 853-61	6.4	25
183	Quality of Internet information related to the Mediterranean diet. <i>Public Health Nutrition</i> , 2012 , 15, 885-93	3.3	25
182	The enhanced cellular uptake of very-low-density lipoprotein enriched in apolipoprotein E. <i>Lipids and Lipid Metabolism</i> , 1991 , 1082, 63-70		25
181	The Relationship between Diabetic Neuropathy and Sleep Apnea Syndrome: A Meta-Analysis. <i>Sleep Disorders</i> , 2013 , 2013, 150371	1.7	24
180	Comparison of the Framingham risk score, UK Prospective Diabetes Study (UKPDS) Risk Engine, Japanese Atherosclerosis Longitudinal Study-Existing Cohorts Combine (JALS-ECC) and maximum carotid intima-media thickness for predicting coronary artery stenosis in patients with asymptomatic type 2 diabetes. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014 , 21, 799-815	4	23
179	Sterol regulatory element-binding proteins activate insulin gene promoter directly and indirectly through synergy with BETA2/E47. <i>Journal of Biological Chemistry</i> , 2005 , 280, 34577-89	5.4	23
178	High normal HbA(1c) levels were associated with impaired insulin secretion without escalating insulin resistance in Japanese individuals: the Toranomon Hospital Health Management Center Study 8 (TOPICS 8). <i>Diabetic Medicine</i> , 2012 , 29, 1285-90	3.5	22
177	Inhibition of ubiquitin ligase F-box and WD repeat domain-containing 7(Fbw7) causes hepatosteatosis through Kröppel-like factor 5 (KLF5)/peroxisome proliferator-activated receptor α (PPAR α) pathway but not SREBP-1c protein in mice. <i>Journal of Biological Chemistry</i> , 2011 , 286, 40835-46	5.4	22
176	SREBP1 is required for the induction by glucose of pancreatic beta-cell genes involved in glucose sensing. <i>Journal of Lipid Research</i> , 2008 , 49, 814-22	6.3	22
175	A novel processing system of sterol regulatory element-binding protein-1c regulated by polyunsaturated fatty acid. <i>Journal of Biochemistry</i> , 2014 , 155, 301-13	3.1	21
174	Regulation of hepatic cholesterol synthesis by a novel protein (SPF) that accelerates cholesterol biosynthesis. <i>FASEB Journal</i> , 2006 , 20, 2642-4	0.9	21
173	Apolipoprotein E polymorphism is associated with plasma cholesterol response in a 7-day hospitalization study for metabolic and dietary control in NIDDM. <i>Diabetes Care</i> , 1993 , 16, 564-9	14.6	21
172	Macrophage Elovl6 deficiency ameliorates foam cell formation and reduces atherosclerosis in low-density lipoprotein receptor-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1973-9	9.4	20
171	Elongation of Long-Chain Fatty Acid Family Member 6 (Elovl6)-Driven Fatty Acid Metabolism Regulates Vascular Smooth Muscle Cell Phenotype Through AMP-Activated Protein Kinase/Kröppel-Like Factor 4 (AMPK/KLF4) Signaling. <i>Journal of the American Heart Association</i> , 2014 , 5, e005115	6	20
170	Development of a screening score for undiagnosed diabetes and its application in estimating absolute risk of future type 2 diabetes in Japan: Toranomon Hospital Health Management Center Study 10 (TOPICS 10). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 1051-60	5.6	19
169	Intestinal CREBH overexpression prevents high-cholesterol diet-induced hypercholesterolemia by reducing expression. <i>Molecular Metabolism</i> , 2016 , 5, 1092-1102	8.8	19

168	Critical role of CREBH-mediated induction of transforming growth factor β by hepatitis C virus infection in fibrogenic responses in hepatic stellate cells. <i>Hepatology</i> , 2017 , 66, 1430-1443	11.2	18
167	Transgenic mice overexpressing SREBP-1a under the control of the PEPCK promoter exhibit insulin resistance, but not diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 427-33	6.9	18
166	WGEF is a novel RhoGEF expressed in intestine, liver, heart, and kidney. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 1053-8	3.4	18
165	Overexpression of apolipoprotein E prevents development of diabetic hyperlipidemia in transgenic mice. <i>Diabetes</i> , 1995 , 44, 580-5	0.9	18
164	Octacosanol and policosanol prevent high-fat diet-induced obesity and metabolic disorders by activating brown adipose tissue and improving liver metabolism. <i>Scientific Reports</i> , 2019 , 9, 5169	4.9	17
163	Loss of SDHB Elevates Catecholamine Synthesis and Secretion Depending on ROS Production and HIF Stabilization. <i>Neurochemical Research</i> , 2016 , 41, 696-706	4.6	17
162	Use of high-normal levels of haemoglobin A(1C) and fasting plasma glucose for diabetes screening and for prediction: a meta-analysis. <i>Diabetes/Metabolism Research and Reviews</i> , 2013 , 29, 680-92	7.5	17
161	A distinct function of the retinoblastoma protein in the control of lipid composition identified by lipidomic profiling. <i>Oncogenesis</i> , 2017 , 6, e350	6.6	17
160	Fasting and post-challenge glucose as quantitative cardiovascular risk factors: a meta-analysis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012 , 19, 385-96	4	17
159	Effects of platelet-derived growth factor on the synthesis of lipoprotein lipase in human monocyte-derived macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 522-8	9.4	17
158	Overexpression of human lipoprotein lipase enhances uptake of lipoproteins containing apolipoprotein B-100 in transfected cells. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1994 , 14, 235-42		17
157	Role of monocyte colony-stimulating factor in foam cell generation. <i>Experimental Biology and Medicine</i> , 1992 , 200, 240-4	3.7	17
156	The effect of apo E secretion on lipoprotein uptake in transfected cells. <i>Lipids and Lipid Metabolism</i> , 1991 , 1086, 245-54		17
155	Hepatic and renal expression of rat apolipoprotein E under control of the metallothionein promoter in transgenic mice. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991 , 1090, 91-4		17
154	Transcriptome network analysis identifies protective role of the LXR/SREBP-1c axis in murine pulmonary fibrosis. <i>JCI Insight</i> , 2019 , 4,	9.9	17
153	Cholesterol lowering in low density lipoprotein receptor knockout mice overexpressing apolipoprotein E. <i>Journal of Clinical Investigation</i> , 1998 , 102, 386-94	15.9	17
152	Unstable bodyweight and incident type 2 diabetes mellitus: A meta-analysis. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 501-509	3.9	16
151	Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 40-45	3.4	16

150	Sunitinib inhibits catecholamine synthesis and secretion in pheochromocytoma tumor cells by blocking VEGF receptor 2 via PLC-Related pathways. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E1006-14	6	16
149	In vivo promoter analysis on refeeding response of hepatic sterol regulatory element-binding protein-1c expression. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 363, 329-35	3.4	16
148	Surgical strategy for meningioma extension into the optic canal. <i>Neurologia Medico-Chirurgica</i> , 2000 , 40, 447-51; discussion 451-2	2.6	16
147	A newly identified null allelic mutation in the human lipoprotein lipase (LPL) gene of a compound heterozygote with familial LPL deficiency. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1992 , 1138, 353-6	6.9	16
146	SPARC is a major secretory gene expressed and involved in the development of proliferative diabetic retinopathy. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009 , 16, 69-76	4	16
145	Platelet-derived growth factor BB-dimer suppresses the expression of macrophage colony-stimulating factor in human vascular smooth muscle cells.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 15455-15458	5.4	16
144	Protein Residue Networks from Energetic and Geometric Data: Are They Identical?. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 6623-6631	6.4	16
143	Elovl6 Deficiency Improves Glycemic Control in Diabetic / Mice by Expanding ECell Mass and Increasing Insulin Secretory Capacity. <i>Diabetes</i> , 2017 , 66, 1833-1846	0.9	15
142	Identification of human ELOVL5 enhancer regions controlled by SREBP. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 465, 857-63	3.4	15
141	Cathepsin B overexpression induces degradation of perilipin 1 to cause lipid metabolism dysfunction in adipocytes. <i>Scientific Reports</i> , 2020 , 10, 634	4.9	15
140	Comparison of baseline characteristics and clinical course in Japanese patients with type 2 diabetes among whom different types of oral hypoglycemic agents were chosen by diabetes specialists as initial monotherapy (JDDM 42). <i>Medicine (United States)</i> , 2017 , 96, e6122	1.8	15
139	Association of Helicobacter pylori infection with glycemic control in patients with diabetes: a meta-analysis. <i>Journal of Diabetes Research</i> , 2014 , 2014, 250620	3.9	15
138	Cide-a and Cide-c are induced in the progression of hepatic steatosis and inhibited by eicosapentaenoic acid. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010 , 83, 75-81	2.8	15
137	Nuclear SREBP-1a causes loss of pancreatic beta-cells and impaired insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 378, 545-50	3.4	15
136	Dextran sulfate, a competitive inhibitor for scavenger receptor, prevents the progression of atherosclerosis in Watanabe heritable hyperlipidemic rabbits. <i>Atherosclerosis</i> , 1994 , 106, 43-50	3.1	15
135	Enhanced lipoprotein lipase secretion from human monocyte-derived macrophages caused by hypertriglyceridemic very low density lipoproteins. <i>Arteriosclerosis (Dallas, Tex)</i> , 1989 , 9, 650-5		15
134	Absence of Elovl6 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlr(-/-) mouse model. <i>Scientific Reports</i> , 2015 , 5, 17604	4.9	15
133	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acyl-Chain Length and Hepatic Insulin Sensitivity in Mice. <i>Hepatology</i> , 2020 , 71, 1609-1625	11.2	15

132	Elucidation of Molecular Mechanism of a Selective PPAR α Modulator, Pemafibrate, through Combinational Approaches of X-ray Crystallography, Thermodynamic Analysis, and First-Principle Calculations. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
131	Association between Lysosomal Dysfunction and Obesity-Related Pathology: A Key Knowledge to Prevent Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
130	Approaches to extra low voltage DRAM operation by SOI-DRAM. <i>IEEE Transactions on Electron Devices</i> , 1998 , 45, 1000-1009	2.9	14
129	Plasma cholesterol-lowering activity of monocyte colony-stimulating factor (M-CSF). <i>Annals of the New York Academy of Sciences</i> , 1990 , 587, 362-70	6.5	14
128	Glucocorticoid receptor suppresses gene expression of Rev-erb α (Nr1d1) through interaction with the CLOCK complex. <i>FEBS Letters</i> , 2019 , 593, 423-432	3.8	13
127	Logistic regression analysis for identifying the factors affecting development of non-invasive blood glucose calibration model by near-infrared spectroscopy. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 148, 128-133	3.8	13
126	Novel non-alcoholic steatohepatitis model with histopathological and insulin-resistant features. <i>Pathology International</i> , 2018 , 68, 12-22	1.8	13
125	Ablation of Elovl6 protects pancreatic islets from high-fat diet-induced impairment of insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 450, 318-23	3.4	13
124	Utility of the triglyceride level for predicting incident diabetes mellitus according to the fasting status and body mass index category: the Ibaraki Prefectural Health Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014 , 21, 1152-69	4	13
123	Dicer has a crucial role in the early stage of adipocyte differentiation, but not in lipid synthesis, in 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 420, 931-6	3.4	13
122	A 1 V 46 ns 16 Mb SOI-DRAM with body control technique		13
121	SREBP inhibits VEGF expression in human smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 354-60	3.4	13
120	Effects of probucol on atherosclerosis of apoE-deficient or LDL receptor-deficient mice. <i>Hormone and Metabolic Research</i> , 2001 , 33, 472-9	3.1	13
119	Diabetes mellitus and risk of new-onset and recurrent heart failure: a systematic review and meta-analysis. <i>ESC Heart Failure</i> , 2020 , 7, 2146-2174	3.7	13
118	Quality and accuracy of Internet information concerning a healthy diet. <i>International Journal of Food Sciences and Nutrition</i> , 2013 , 64, 1007-13	3.7	12
117	Development of a bioassay to screen for chemicals mimicking the anti-aging effects of calorie restriction. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 401, 213-8	3.4	12
116	SREBPs: novel aspects of SREBPs in the regulation of lipid synthesis. <i>FEBS Journal</i> , 2009 , 276, 615	5.7	12
115	Platelet-derived growth factor BB-dimer suppresses the expression of macrophage colony-stimulating factor in human vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 1992 , 267, 15455-8	5.4	12

114	A key role of nuclear factor Y in the refeeding response of fatty acid synthase in adipocytes. <i>FEBS Letters</i> , 2017 , 591, 965-978	3.8	11
113	New perspective on type 2 diabetes, dyslipidemia and non-alcoholic fatty liver disease. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 532-534	3.9	11
112	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. <i>Endocrinology</i> , 2018 , 159, 2308-2323	4.8	11
111	Identical germline mutations in the TMEM127 gene in two unrelated Japanese patients with bilateral pheochromocytoma. <i>Clinical Endocrinology</i> , 2012 , 77, 707-14	3.4	11
110	Adiponectin and adiponectin receptors in human pheochromocytoma. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009 , 16, 442-7	4	11
109	Induction of ABCA1 by overexpression of hormone-sensitive lipase in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 376, 111-5	3.4	11
108	MafK overexpression in pancreatic beta-cells caused impairment of glucose-stimulated insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 346, 671-80	3.4	11
107	Effect of tumor necrosis factor/cachectin on the activity of the low density lipoprotein receptor on human skin fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 172, 1022-7	3.4	11
106	High-cholesterol diet-induced lipoproteins stimulate lipoprotein lipase secretion in cultured rat alveolar macrophages. <i>Lipids and Lipid Metabolism</i> , 1987 , 922, 103-10		11
105	A common genetic variant of the chromogranin A-derived peptide catestatin is associated with atherogenesis and hypertension in a Japanese population. <i>Endocrine Journal</i> , 2015 , 62, 797-804	2.9	10
104	Insulin-dependent and -independent regulation of sterol regulatory element-binding protein-1c. <i>Journal of Diabetes Investigation</i> , 2013 , 4, 411-2	3.9	10
103	Suppression of neutral cholesterol ester hydrolase activity by antisense DNA of hormone-sensitive lipase. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 233, 655-7	3.4	10
102	Composition of very-low-density lipoproteins in non-insulin-dependent diabetes mellitus.. <i>Clinical Chemistry</i> , 1989 , 35, 808-812	5.5	10
101	Establishment of enzyme-linked immunosorbent assays for lipoprotein lipase with newly developed antibodies.. <i>Journal of Lipid Research</i> , 1994 , 35, 1688-1697	6.3	10
100	Comparison of clinical characteristics in patients with type 2 diabetes among whom different antihyperglycemic agents were prescribed as monotherapy or combination therapy by diabetes specialists. <i>Journal of Diabetes Investigation</i> , 2016 , 7, 260-9	3.9	10
99	Hepatocellular carcinoma development in diabetic patients: a nationwide survey in Japan. <i>Journal of Gastroenterology</i> , 2021 , 56, 261-273	6.9	10
98	TFE3 inhibits myoblast differentiation in C2C12 cells via down-regulating gene expression of myogenin. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 664-9	3.4	9
97	Mitochondrial intermediate peptidase is a novel regulator of sirtuin-3 activation by caloric restriction. <i>FEBS Letters</i> , 2017 , 591, 4067-4073	3.8	9

96	Risk imparted by various parameters of smoking in Japanese men with type 2 diabetes on their development of microalbuminuria: analysis from the Tsukuba Kawai Diabetes Registry. <i>Diabetes Care</i> , 2007 , 30, 1286-8	14.6	9
95	Abdominal Irradiation Ameliorates Obesity in ob/ob Mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2007 , 40, 123-30	3.1	9
94	Exercise training reduces ventricular arrhythmias through restoring calcium handling and sympathetic tone in myocardial infarction mice. <i>Physiological Reports</i> , 2019 , 7, e13972	2.6	8
93	CREBH Improves Diet-Induced Obesity, Insulin Resistance, and Metabolic Disturbances by FGF21-Dependent and FGF21-Independent Mechanisms. <i>iScience</i> , 2020 , 23, 100930	6.1	8
92	Handgrip strength predicts new prediabetes cases among adults: A prospective cohort study. <i>Preventive Medicine Reports</i> , 2020 , 17, 101056	2.6	8
91	A candidate functional SNP rs7074440 in TCF7L2 alters gene expression through C-FOS in hepatocytes. <i>FEBS Letters</i> , 2018 , 592, 422-433	3.8	8
90	Quantitative Relationship Between Cumulative Risk Alleles Based on Genome-Wide Association Studies and Type 2 Diabetes Mellitus: A Systematic Review and Meta-analysis. <i>Journal of Epidemiology</i> , 2018 , 28, 3-18	3.4	8
89	Malondialdehyde-modified LDL-related variables are associated with diabetic kidney disease in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018 , 141, 237-243	7.4	8
88	Plasma free metanephrines in the diagnosis of pheochromocytoma: diagnostic accuracy and strategies for Japanese patients. <i>Endocrine Journal</i> , 2014 , 61, 667-73	2.9	8
87	Suppression of the pancreatic duodenal homeodomain transcription factor-1 (Pdx-1) promoter by sterol regulatory element-binding protein-1c (SREBP-1c). <i>Journal of Biological Chemistry</i> , 2011 , 286, 27902-14	5.4	8
86	Dose-dependent effect of nickeritrol on plasma lipoprotein-a. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1996 , 56, 359-65	2	8
85	Cholesterol-free diet with a high ratio of polyunsaturated to saturated fatty acids in heterozygous familial hypercholesterolemia: significant lowering effect on plasma cholesterol. <i>Hormone and Metabolic Research</i> , 1990 , 22, 246-51	3.1	8
84	Down-regulation of hepatic LDL receptor protein and messenger RNA in fasted rabbits. <i>Journal of Biochemistry</i> , 1988 , 104, 712-6	3.1	8
83	Association between all-cause mortality and severity of depressive symptoms in patients with type 2 diabetes: Analysis from the Japan Diabetes Complications Study (JDACS). <i>Journal of Psychosomatic Research</i> , 2017 , 99, 34-39	4.1	7
82	Relationships among cardiorespiratory fitness, muscular fitness, and cardiometabolic risk factors in Japanese adolescents: Niigata screening for and preventing the development of non-communicable disease study-Agano (NICE EVIDENCE Study-Agano) 2. <i>Pediatric Diabetes</i> , 2018 , 19, 593-602	3.6	7
81	Self-reported fast eating is a potent predictor of development of impaired glucose tolerance in Japanese men and women: Tsukuba Medical Center Study. <i>Diabetes Research and Clinical Practice</i> , 2011 , 94, e72-4	7.4	7
80	A case of acute adrenal insufficiency unmasked during sunitinib treatment for metastatic renal cell carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2012 , 42, 764-6	2.8	7
79	Transgenic mouse and gene therapy. <i>Diabetes</i> , 1996 , 45 Suppl 3, S129-32	0.9	7

78	Crucial Role of Elovl6 in Chondrocyte Growth and Differentiation during Growth Plate Development in Mice. <i>PLoS ONE</i> , 2016 , 11, e0159375	3.7	7
77	Age-dependent changes in dynamic standing-balance ability evaluated quantitatively using a stabilometer. <i>Journal of Physical Therapy Science</i> , 2018 , 30, 86-91	1	6
76	Comparison of different aspects of BMI history to identify undiagnosed diabetes in Japanese men and women: Toranomon Hospital Health Management Center Study 12 (TOPICS 12). <i>Diabetic Medicine</i> , 2014 , 31, 1378-86	3.5	6
75	Effect of macrophage colony stimulating factor on the advanced atherosclerosis in Watanabe heritable hyperlipidemic rabbits. <i>Hormone and Metabolic Research</i> , 1997 , 29, 507-9	3.1	6
74	A built-in self-test circuit with timing margin test function in a 1 Gbit synchronous DRAM		6
73	Apolipoprotein E metabolism in sciatic nerves of diabetic rats. Implication for diabetic neuropathy. <i>Hormone and Metabolic Research</i> , 1993 , 25, 82-7	3.1	6
72	Overexpression of low density lipoprotein receptor on Chinese hamster ovary cells generates foam cells. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1991 , 11, 1310-4		6
71	Identification of ISG12b as a putative interferon-inducible adipocytokine which is highly expressed in white adipose tissue. <i>Journal of Atherosclerosis and Thrombosis</i> , 2007 , 14, 179-84	4	6
70	Higher pulse pressure predicts initiation of dialysis in Japanese patients with diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2019 , 35, e3120	7.5	6
69	Elovl6 regulates mechanical damage-induced keratinocyte death and skin inflammation. <i>Cell Death and Disease</i> , 2018 , 9, 1181	9.8	6
68	Relationship between intake of fruit separately from vegetables and triglycerides - A meta-analysis. <i>Clinical Nutrition ESPEN</i> , 2018 , 27, 53-58	1.3	5
67	Circulating malondialdehyde-modified LDL-related variables and coronary artery stenosis in asymptomatic patients with type 2 diabetes. <i>Journal of Diabetes Research</i> , 2015 , 2015, 507245	3.9	5
66	GLUT12: a second insulin-responsive glucose transporters as an emerging target for type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 130-1	3.9	5
65	Hormone-sensitive lipase deficiency suppresses insulin secretion from pancreatic islets of Lep ob/ob mice. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 387, 511-5	3.4	5
64	Cerebral hemorrhagic infarction after radiation for pituitary adenoma. <i>Internal Medicine</i> , 2002 , 41, 834-81.1		5
63	Role of apolipoprotein E in lipoprotein metabolism and in the process of atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 1995 , 2 Suppl 1, S29-33	4	5
62	Effect of exogenous apo E on the cellular binding of lipoproteins. <i>Gerontology</i> , 1990 , 36 Suppl 1, 42-8	5.5	5
61	Oxidative stress and Liver X Receptor agonist induce hepatocellular carcinoma in Non-alcoholic steatohepatitis model. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 800-810	4	5

60	Rho-associated, coiled-coil-containing protein kinase α as a new player in the regulation of hepatic lipogenesis. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1165-1167	3.9	4
59	Role of Hormone-sensitive Lipase in Leptin-Promoted Fat Loss and Glucose Lowering. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017 , 24, 1105-1116	4	4
58	Thunderclap headache without hypertension in a patient with pheochromocytoma. <i>Journal of Headache and Pain</i> , 2010 , 11, 441-4	8.8	4
57	A neonatal case of apolipoprotein C-II deficiency. <i>European Journal of Pediatrics</i> , 1989 , 148, 550-2	4.1	4
56	The release of hepatic triglyceride lipase from rat monolayered hepatocytes in primary culture. <i>Endocrinologia Japonica</i> , 1990 , 37, 437-42		4
55	ELOVL2 promotes cancer progression by inhibiting cell apoptosis in renal cell carcinoma. <i>Oncology Reports</i> , 2022 , 47,	3.5	4
54	Overexpression of apolipoprotein E prevents development of diabetic hyperlipidemia in transgenic mice. <i>Diabetes</i> , 1995 , 44, 580-585	0.9	4
53	Evaluation of safety for hepatectomy in a novel mouse model with nonalcoholic-steatohepatitis. <i>World Journal of Gastroenterology</i> , 2018 , 24, 1622-1631	5.6	4
52	Transcriptional co-repressor CtBP2 orchestrates epithelial-mesenchymal transition through a novel transcriptional holocomplex with OCT1. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 523, 354-360	3.4	4
51	Srebp-1c/Fgf21/Pgc-1 α Axis Regulated by Leptin Signaling in Adipocytes-Possible Mechanism of Caloric Restriction-Associated Metabolic Remodeling of White Adipose Tissue. <i>Nutrients</i> , 2020 , 12,	6.7	4
50	Advanced Oxidation Protein Products Contribute to Renal Tubulopathy Perturbation of Renal Fatty Acids.. <i>Kidney360</i> , 2020 , 1, 781-796	1.8	4
49	Association of eating three meals irregularly with changes in BMI and weight among young Japanese men and women: A 2-year follow-up. <i>Physiology and Behavior</i> , 2016 , 163, 81-87	3.5	4
48	Novel role for the CRTCL2 in lipid homeostasis. <i>Journal of Diabetes Investigation</i> , 2016 , 7, 677-9	3.9	4
47	Deciphering genetic signatures by whole exome sequencing in a case of co-prevalence of severe renal hypouricemia and diabetes with impaired insulin secretion. <i>BMC Medical Genetics</i> , 2020 , 21, 91	2.1	3
46	Association of living alone with the presence of undiagnosed diabetes in Japanese men: the role of modifiable risk factors for diabetes: Toranomon Hospital Health Management Center Study 13 (TOPICS 13). <i>Diabetic Medicine</i> , 2013 , 30, 1355-9	3.5	3
45	A kindred of familial acromegaly without evidence for linkage to MEN-1 locus. <i>Endocrine Journal</i> , 2002 , 49, 425-31	2.9	3
44	Enhanced synthesis and secretion of apolipoprotein E from sciatic nerves of streptozotocin-induced diabetic rats after injury. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 155, 283-8	3.4	3
43	Relationships between Cognitive Function and Odor Identification, Balance Capability, and Muscle Strength in Middle-Aged Persons with and without Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2021 , 2021, 9961612	3.9	3

42	Macrophages rely on extracellular serine to suppress aberrant cytokine production. <i>Scientific Reports</i> , 2021 , 11, 11137	4.9	3
41	Enterohepatic Transcription Factor CREB3L3 Protects Atherosclerosis via SREBP Competitive Inhibition. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 949-971	7.9	3
40	Residual vascular risk in diabetes - Will the SPPARM alpha concept hold the key?. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019 , 13, 2723-2725	8.9	2
39	Utility of nonblood-based risk assessment for predicting type 2 diabetes mellitus: A meta-analysis. <i>Preventive Medicine</i> , 2016 , 91, 180-187	4.3	2
38	New liver-βcell axis that controls insulin secretory capacity. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 276-7	3.9	2
37	ApoAII controversy still in rabbit?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1984-5	9.4	2
36	Effect of macrophage colony-stimulating factor on the development of diabetes mellitus in BB rats. <i>Hormone and Metabolic Research</i> , 1993 , 25, 323-4	3.1	2
35	Metabolism of chylomicron remnants in transgenic mice expressing apolipoprotein E in the intestine. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 200, 716-21	3.4	2
34	Starvation-induced transcription factor CREBH negatively governs body growth by controlling GH signaling. <i>FASEB Journal</i> , 2021 , 35, e21663	0.9	2
33	CtBP2 confers protection against oxidative stress through interactions with NRF1 and NRF2. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 562, 146-153	3.4	2
32	Effect of Monocyte Colony-Stimulating Factor (M-CSF) on Lipoprotein Metabolism. <i>Annals of the New York Academy of Sciences</i> , 1990 , 598, 556-557	6.5	1
31	The transcriptional corepressor CtBP2 serves as a metabolite sensor orchestrating hepatic glucose and lipid homeostasis. <i>Nature Communications</i> , 2021 , 12, 6315	17.4	1
30	Guidelines on the Clinical Evaluation of Medicinal Products for Treatment of Dyslipidemia. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020 , 27, 1246-1254	4	1
29	FoxO-KLF15 pathway switches the flow of macronutrients under the control of insulin.. <i>IScience</i> , 2021 , 24, 103446	6.1	1
28	Morphological and functional adaptation of pancreatic islet blood vessels to insulin resistance is impaired in diabetic db/db mice.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022 , 1868, 166339	6.9	1
27	High protein diet-induced metabolic changes are transcriptionally regulated via KLF15-dependent and independent pathways. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 582, 35-42	3.4	1
26	Meta-analytic research on the relationship between cumulative risk alleles and risk of type 2 diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2016 , 32, 178-86	7.5	1
25	A Rare Coexistence of Pheochromocytoma and Parkinson's Disease With Diagnostic Challenges. <i>Internal Medicine</i> , 2018 , 57, 979-985	1.1	1

24	Rapid manipulation of mitochondrial morphology in a living cell with iCMM.. <i>Cell Reports Methods</i> , 2021 , 1, 100052		1
23	Serum lactate dehydrogenase level as a possible predictor of treatment preference in psoriasis. <i>Journal of Dermatological Science</i> , 2021 , 103, 109-115	4.3	1
22	Prolonged caloric restriction ameliorates age-related atrophy in slow and fast muscle fibers of rat soleus muscle. <i>Experimental Gerontology</i> , 2021 , 154, 111519	4.5	1
21	Plasma chloride concentration as a new diagnostic indicator of insulin insufficiency. <i>Diabetes Research and Clinical Practice</i> , 2005 , 67, 137-43	7.4	0
20	Severity of hypertension as a predictor of initiation of dialysis among study participants with and without diabetes mellitus. <i>Journal of Investigative Medicine</i> , 2021 , 69, 724-729	2.9	0
19	Quantitative assessment of genetic testing for type 2 diabetes mellitus based on findings of genome-wide association studies. <i>Annals of Epidemiology</i> , 2016 , 26, 816-818.e6	6.4	0
18	Protocol for rapid manipulation of mitochondrial morphology in living cells using inducible counter mitochondrial morphology (iCMM). <i>STAR Protocols</i> , 2021 , 2, 100721	1.4	0
17	TDP-43 regulates cholesterol biosynthesis by inhibiting sterol regulatory element-binding protein 2.. <i>Scientific Reports</i> , 2022 , 12, 7988	4.9	0
16	Regulation of low density lipoprotein receptor activity in Chinese hamster ovary cells transfected with the c-fms gene. <i>FEBS Letters</i> , 1994 , 356, 72-5	3.8	
15	Characterization of Low Density Lipoprotein Receptors in Normal and Watanabe Heritable Hyperlipidemic Rabbits. <i>Annals of the New York Academy of Sciences</i> , 1990 , 598, 496-497	6.5	
14	Cholesterol-Free Diet in Heterozygous Familial Hypercholesterolemia. <i>Annals of the New York Academy of Sciences</i> , 1990 , 598, 525-526	6.5	
13	In vivo Functions of SREBPs 2000 , 137-141		
12	Sterol regulation by SREBPs in vivo. <i>The Journal of Japan Atherosclerosis Society</i> , 2001 , 28, 133-136		
11	Microarray Analyses of SREBP-1 Target Genes 2004 , 237-248		
10	Computational design and molecular mechanism in oligomerization of C-terminal binding protein 2. <i>FASEB Journal</i> , 2018 , 32, 798.22		0.9
9	Effect of Large Dose of Niceritrol (Percit®) on Hypercholesterolemia-by Administering Gradually Increasing Doses. <i>The Journal of Japan Atherosclerosis Society</i> , 1991 , 19, 199-208		
8	Effect of Niceritrol (Percit®) on Serum Levels of Lipoprotein (a): Assessing the Effect of Gradually Increased Dosages. <i>The Journal of Japan Atherosclerosis Society</i> , 1992 , 20, 625-633		
7	The Effects of Monocyte Colony Stimulating Factor (M-CSF) on Plasma Lipoprotein Metabolism and Atherogenesis. <i>The Journal of Japan Atherosclerosis Society</i> , 1992 , 20, 505-509		

- 6 Role of ApoE in the Metabolism of Triglyceride-rich Lipoproteins: Transgenic Mice Overexpressing Apolipoprotein E. *The Journal of Japan Atherosclerosis Society*, **1995**, 22, 815-818
- 5 Diet and Hyperlipidemia in Transgenic Mouse. *The Journal of Japan Atherosclerosis Society*, **1996**, 23, 419-422
- 4 Roles of Apolipoprotein E in Lipoprotein Metabolism and Atherosclerosis: Insights From Transgenic Mice. *Medical Science Symposia Series*, **1996**, 271-279
- 3 Elucidating the Efficacy of Clinical Drugs Using FMO **2021**, 323-339
- 2 Different impacts of metabolic profiles on future risk of cardiovascular disease between diabetes with and without established cardiovascular disease: the Japan diabetes complication and its prevention prospective study 7 (JDCP study 7). *Acta Diabetologica*, **2021**, 1 3.9
- 1 Altered microbiota by a high-fat diet accelerates lethal myeloid hematopoiesis associated with systemic SOCS3 deficiency. *IScience*, **2021**, 24, 103117 6.1