Hitoshi Shimano

List of Publications by Year
in descending order

391 papers	30,149 citations	4641 85 h-index	6113 159 g-index
417 all docs	417 docs citations	417 times ranked	31003 citing authors

#	Article	IF	Citations
1	Morphological and functional adaptation of pancreatic islet blood vessels to insulin resistance is impaired in diabetic db/db mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166339.	1.8	4
2	Intestinal microbe-dependent Ï‰3 lipid metabolite Î±KetoA prevents inflammatory diseases in mice and cynomolgus macaques. Mucosal Immunology, 2022, 15, 289-300.	2.7	16
3	Predictive ability of current machine learning algorithms for typeâ€‰2 diabetes mellitus: A metaâ€analysis. Journal of Diabetes Investigation, 2022, 13, 900-908.	1.1	16
4	CREBH regulation of lipid metabolism through multifaceted functions that improve arteriosclerosis. Journal of Diabetes Investigation, 2022, 13, 1129-1131.	1.1	0
5	TDP-43 regulates cholesterol biosynthesis by inhibiting sterol regulatory element-binding protein 2. Scientific Reports, 2022, 12, 7988.	1.6	11
6	Enterohepatic Transcription Factor CREB3L3 Protects Atherosclerosis via SREBP Competitive Inhibition. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 949-971.	2.3	11
7	Oxidative stress and Liver X Receptor agonist induce hepatocellular carcinoma in Nonâ€alcoholic steatohepatitis model. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 800-810.	1.4	9
8	Elucidating the Efficacy of Clinical Drugs Using FMO. , 2021, , 323-339.		0
9	Hepatocellular carcinoma development in diabetic patients: a nationwide survey in Japan. Journal of Gastroenterology, 2021, 56, 261-273.	2.3	28
10	Macrophages rely on extracellular serine to suppress aberrant cytokine production. Scientific Reports, 2021, 11, 11137.	1.6	16
11	Starvationâ€induced transcription factor CREBH negatively governs body growth by controlling GH signaling. FASEB Journal, 2021, 35, e21663.	0.2	6
12	CtBP2 confers protection against oxidative stress through interactions with NRF1 and NRF2. Biochemical and Biophysical Research Communications, 2021, 562, 146-153.	1.0	5
13	Prevalence of Germline Variants in a Large Cohort of Japanese Patients with Pheochromocytoma and/or Paraganglioma. Cancers, 2021, 13, 4014.	1.7	9
14	Rapid manipulation of mitochondrial morphology in a living cell with iCMM. Cell Reports Methods, 2021, 1, 100052.	1.4	10
15	Serum lactate dehydrogenase level as a possible predictor of treatment preference in psoriasis. Journal of Dermatological Science, 2021, 103, 109-115.	1.0	5
16	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.	1.2	1
17	CREBH Systemically Regulates Lipid Metabolism by Modulating and Integrating Cellular Functions. Nutrients, 2021, 13, 3204.	1.7	2
18	Protocol for rapid manipulation of mitochondrial morphology in living cells using inducible counter mitochondrial morphology (iCMM). STAR Protocols, 2021, 2, 100721.	0.5	1

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19	Prolonged caloric restriction ameliorates age-related atrophy in slow and fast muscle fibers of rat soleus muscle. Experimental Gerontology, 2021, 154, 111519.	1.2	7
20	Altered microbiota by a high-fat diet accelerates lethal myeloid hematopoiesis associated with systemic SOCS3 deficiency. IScience, 2021, 24, 103117.	1.9	5
21	Carrot Consumption Frequency Associated with Reduced BMI and Obesity through the SNP Intermediary rs4445711. Nutrients, 2021, 13, 3478.	1.7	0
22	Relationships between Cognitive Function and Odor Identification, Balance Capability, and Muscle Strength in Middle-Aged Persons with and without Type 2 Diabetes. Journal of Diabetes Research, 2021, 2021, 1-14.	1.0	7
23	High protein diet-induced metabolic changes are transcriptionally regulated via KLF15-dependent and independent pathways. Biochemical and Biophysical Research Communications, 2021, 582, 35-42.	1.0	6
24	Severity of hypertension as a predictor of initiation of dialysis among study participants with and without diabetes mellitus. Journal of Investigative Medicine, 2021, 69, 724-729.	0.7	1
25	The transcriptional corepressor CtBP2 serves as a metabolite sensor orchestrating hepatic glucose and lipid homeostasis. Nature Communications, 2021, 12, 6315.	5.8	12
26	ELOVL2 promotes cancer progression by inhibiting cell apoptosis in renal cell carcinoma. Oncology Reports, 2021, 47, .	1.2	17
27	FoxO-KLF15 pathway switches the flow of macronutrients under the control of insulin. IScience, 2021, 24, 103446.	1.9	6
28	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acylâ€Chain Length and Hepatic Insulin Sensitivity in Mice. Hepatology, 2020, 71, 1609-1625.	3.6	44
29	Transcriptional co-repressor CtBP2 orchestrates epithelial-mesenchymal transition through a novel transcriptional holocomplex with OCT1. Biochemical and Biophysical Research Communications, 2020, 523, 354-360.	1.0	12
30	Srebp-1c/Fgf21/Pgc-1Î± Axis Regulated by Leptin Signaling in Adipocytesâ€"Possible Mechanism of Caloric Restriction-Associated Metabolic Remodeling of White Adipose Tissue. Nutrients, 2020, 12, 2054.	1.7	19
31	Diabetes mellitus and risk of newâ€onset and recurrent heart failure: a systematic review and metaâ€analysis. ESC Heart Failure, 2020, 7, 2146-2174.	1.4	25
32	Advanced Oxidation Protein Products Contribute to Renal Tubulopathy via Perturbation of Renal Fatty Acids. Kidney360, 2020, 1, 781-796.	0.9	6
33	Deciphering genetic signatures by whole exome sequencing in a case of co-prevalence of severe renal hypouricemia and diabetes with impaired insulin secretion. BMC Medical Genetics, 2020, 21, 91.	2.1	3
34	CREBH Improves Diet-Induced Obesity, Insulin Resistance, and Metabolic Disturbances by FGF21-Dependent and FGF21-Independent Mechanisms. IScience, 2020, 23, 100930.	1.9	12
35	Handgrip strength predicts new prediabetes cases among adults: A prospective cohort study. Preventive Medicine Reports, 2020, 17, 101056.	0.8	18
36	Elucidation of Molecular Mechanism of a Selective PPARÎ± Modulator, Pemafibrate, through Combinational Approaches of X-ray Crystallography, Thermodynamic Analysis, and First-Principle Calculations. International Journal of Molecular Sciences, 2020, 21, 361.	1.8	20

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37	Cathepsin B overexpression induces degradation of perilipin 1 to cause lipid metabolism dysfunction in adipocytes. Scientific Reports, 2020, 10, 634.	1.6	30
38	New perspective on typeÂ2 diabetes, dyslipidemia and nonâ€alcoholic fatty liver disease. Journal of Diabetes Investigation, 2020, 11, 532-534.	1.1	21
39	Guidelines on the Clinical Evaluation of Medicinal Products for Treatment of Dyslipidemia. Journal of Atherosclerosis and Thrombosis, 2020, 27, 1246-1254.	0.9	3
40	Association between Lysosomal Dysfunction and Obesity-Related Pathology: A Key Knowledge to Prevent Metabolic Syndrome. International Journal of Molecular Sciences, 2019, 20, 3688.	1.8	30
41	Glucocorticoid receptor suppresses gene expression of Revâ€erbÎ± (Nr1d1) through interaction with the <scp>CLOCK</scp> complex. FEBS Letters, 2019, 593, 423-432.	1.3	21
42	The selective peroxisome proliferator-activated receptor alpha modulator (SPPARMÎ±) paradigm: conceptual framework and therapeutic potential. Cardiovascular Diabetology, 2019, 18, 71.	2.7	104
43	Residual vascular risk in diabetes â€“ Will the SPPARM alpha concept hold the key?. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 2723-2725.	1.8	4
44	Octacosanol and policosanol prevent high-fat diet-induced obesity and metabolic disorders by activating brown adipose tissue and improving liver metabolism. Scientific Reports, 2019, 9, 5169.	1.6	31
45	Rhoâ€associated, coiledâ€coilâ€containing protein kinaseÂ1 as a new player in the regulation of hepatic lipogenesis. Journal of Diabetes Investigation, 2019, 10, 1165-1167.	1.1	4
46	Exercise training reduces ventricular arrhythmias through restoring calcium handling and sympathetic tone in myocardial infarction mice. Physiological Reports, 2019, 7, e13972.	0.7	17
47	Higher pulse pressure predicts initiation of dialysis in Japanese patients with diabetes. Diabetes/Metabolism Research and Reviews, 2019, 35, e3120.	1.7	8
48	Transcriptome network analysis identifies protective role of the LXR/SREBP-1c axis in murine pulmonary fibrosis. JCI Insight, 2019, 4, .	2.3	33
49	Epigenetic modulation of Fgf21 in the perinatal mouse liver ameliorates diet-induced obesity in adulthood. Nature Communications, 2018, 9, 636.	5.8	67
50	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
51	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. Pediatric Diabetes, 2018, 19, 593-602.	1.2	12
52	Novel nonâ€alcoholic steatohepatitis model with histopathological and insulinâ€resistant features. Pathology International, 2018, 68, 12-22.	0.6	17
53	A candidate functional <scp>SNP</scp> rs7074440 in <scp>TCF</scp>7L2 alters gene expression through Câ€<scp>FOS</scp> in hepatocytes. FEBS Letters, 2018, 592, 422-433.	1.3	9
54	Molecular association model of PPARÎ± and its new specific and efficient ligand, pemafibrate: Structural basis for SPPARMÎ±. Biochemical and Biophysical Research Communications, 2018, 499, 239-245.	1.0	47

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55	A Rare Coexistence of Pheochromocytoma and Parkinson's Disease With Diagnostic Challenges. Internal Medicine, 2018, 57, 979-985.	0.3	2
56	Elovl6 regulates mechanical damage-induced keratinocyte death and skin inflammation. Cell Death and Disease, 2018, 9, 1181.	2.7	19
57	Protein Residue Networks from Energetic and Geometric Data: Are They Identical?. Journal of Chemical Theory and Computation, 2018, 14, 6623-6631.	2.3	24
58	Network metaâ€analysis of the relative efficacy of bariatric surgeries for diabetes remission. Obesity Reviews, 2018, 19, 1621-1629.	3.1	32
59	Age-dependent changes in dynamic standing-balance ability evaluated quantitatively using a stabilometer. Journal of Physical Therapy Science, 2018, 30, 86-91.	0.2	14
60	The Peroxisome Proliferator-Activated Receptor Î± (PPARÎ±) Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. International Journal of Molecular Sciences, 2018, 19, 2148.	1.8	43
61	Quantitative Relationship Between Cumulative Risk Alleles Based on Genome-Wide Association Studies and Type 2 Diabetes Mellitus: A Systematic Review and Meta-analysis. Journal of Epidemiology, 2018, 28, 3-18.	1.1	10
62	CREBH Regulates Systemic Glucose and Lipid Metabolism. International Journal of Molecular Sciences, 2018, 19, 1396.	1.8	62
63	Relationship between intake of fruit separately from vegetables and triglycerides - A meta-analysis. Clinical Nutrition ESPEN, 2018, 27, 53-58.	0.5	11
64	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. Endocrinology, 2018, 159, 2308-2323.	1.4	14
65	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
66	Malondialdehyde-modified LDL-related variables are associated with diabetic kidney disease in type 2 diabetes. Diabetes Research and Clinical Practice, 2018, 141, 237-243.	1.1	11
67	Evaluation of safety for hepatectomy in a novel mouse model with nonalcoholic-steatohepatitis. World Journal of Gastroenterology, 2018, 24, 1622-1631.	1.4	7
68	Computational design and molecular mechanism in oligomerization of Câ€terminal binding protein 2. FASEB Journal, 2018, 32, 798.22.	0.2	0
69	Unstable bodyweight and incident type 2 diabetes mellitus: A metaâ€analysis. Journal of Diabetes Investigation, 2017, 8, 501-509.	1.1	17
70	Selective peroxisome proliferatorâ€activated receptorâ€Îı modulator Kâ€877 efficiently activates the peroxisome proliferatorâ€activated receptorâ€Îı pathway and improves lipid metabolism in mice. Journal of Diabetes Investigation, 2017, 8, 446-452.	1.1	34
71	Elovl6 Deficiency Improves Glycemic Control in Diabetic db/db Mice by Expanding Î²-Cell Mass and Increasing Insulin Secretory Capacity. Diabetes, 2017, 66, 1833-1846.	0.3	29
72	Critical role of CREBHâ€mediated induction of transforming growth factor Î²2 by hepatitis C virus infection in fibrogenic responses in hepatic stellate cells. Hepatology, 2017, 66, 1430-1443.	3.6	23

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73	Association between all-cause mortality and severity of depressive symptoms in patients with type 2 diabetes: Analysis from the Japan Diabetes Complications Study (JDCS). Journal of Psychosomatic Research, 2017, 99, 34-39.	1.2	9
74	Effects of K-877, a novel selective PPARÎ± modulator, on small intestine contribute to the amelioration of hyperlipidemia in low-density lipoprotein receptor knockout mice. Journal of Pharmacological Sciences, 2017, 133, 214-222.	1.1	36
75	A key role of nuclear factor Y in the refeeding response of fatty acid synthase in adipocytes. FEBS Letters, 2017, 591, 965-978.	1.3	15
76	SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. Cell Metabolism, 2017, 25, 412-427.	7.2	263
77	Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. Biochemical and Biophysical Research Communications, 2017, 493, 40-45.	1.0	22
78	SREBP-regulated lipid metabolism: convergent physiology â€" divergent pathophysiology. Nature Reviews Endocrinology, 2017, 13, 710-730.	4.3	696
79	Mitochondrial intermediate peptidase is a novel regulator of sirtuinâ€3 activation by caloric restriction. FEBS Letters, 2017, 591, 4067-4073.	1.3	16
80	A distinct function of the retinoblastoma protein in the control of lipid composition identified by lipidomic profiling. Oncogenesis, 2017, 6, e350-e350.	2.1	27
81	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). Medicine (United States), 2017, 96, e6122.	0.4	21
82	Role of Hormone-sensitive Lipase in Leptin-Promoted Fat Loss and Glucose Lowering. Journal of Atherosclerosis and Thrombosis, 2017, 24, 1105-1116.	0.9	6
83	Comparative Binding Analysis of Dipeptidyl Peptidase IV (DPP-4) with Antidiabetic Drugs â€" An Ab Initio Fragment Molecular Orbital Study. PLoS ONE, 2016, 11, e0166275.	1.1	59
84	Crucial Role of Elovl6 in Chondrocyte Growth and Differentiation during Growth Plate Development in Mice. PLoS ONE, 2016, 11, e0159375.	1.1	8
85	Metaâ€analytic research on the relationship between cumulative risk alleles and risk of type 2 diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2016, 32, 178-186.	1.7	2
86	Elongation of Longâ€Chain Fatty Acid Family Member 6 (Elovl6)â€Driven Fatty Acid Metabolism Regulates Vascular Smooth Muscle Cell Phenotype Through AMPâ€Activated Protein Kinase/KrÃ¼ppelâ€Like Factor 4 (AMPK/KLF4) Signaling. Journal of the American Heart Association, 2016, 5, .	1.6	31
87	CREB3L3 controls fatty acid oxidation and ketogenesis in synergy with PPARÎ±. Scientific Reports, 2016, 6, 39182.	1.6	45
88	Association of eating three meals irregularly with changes in BMI and weight among young Japanese men and women: A 2-year follow-up. Physiology and Behavior, 2016, 163, 81-87.	1.0	5
89	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. Cell Reports, 2016, 16, 2373-2386.	2.9	94
90	Intestinal CREBH overexpression prevents high-cholesterol diet-induced hypercholesterolemia by reducing Npc1l1 expression. Molecular Metabolism, 2016, 5, 1092-1102.	3.0	32

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91	Quantitative assessment of genetic testing for type 2 diabetes mellitus based on findings of genome-wide association studies. Annals of Epidemiology, 2016, 26, 816-818.e6.	0.9	1
92	Novel role for the <scp>CRTC</scp>2 in lipid homeostasis. Journal of Diabetes Investigation, 2016, 7, 677-679.	1.1	4
93	Comparison of clinical characteristics in patients with typeÂ2 diabetes among whom different antihyperglycemic agents were prescribed as monotherapy or combination therapy by diabetes specialists. Journal of Diabetes Investigation, 2016, 7, 260-269.	1.1	13
94	Utility of nonblood-based risk assessment for predicting type 2 diabetes mellitus: A meta-analysis. Preventive Medicine, 2016, 91, 180-187.	1.6	2
95	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. Scientific Reports, 2016, 6, 27857.	1.6	31
96	Loss of SDHB Elevates Catecholamine Synthesis and Secretion Depending on ROS Production and HIF Stabilization. Neurochemical Research, 2016, 41, 696-706.	1.6	23
97	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
98	Different Effects of Eicosapentaenoic and Docosahexaenoic Acids on Atherogenic High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease in Mice. PLoS ONE, 2016, 11, e0157580.	1.1	50
99	Subendocardial Systolic Dysfunction in Asymptomatic Normotensive Diabetic Patients. Circulation Journal, 2015, 79, 1749-1755.	0.7	52
100	A common genetic variant of the chromogranin A-derived peptide catestatin is associated with atherogenesis and hypertension in a Japanese population. Endocrine Journal, 2015, 62, 797-804.	0.7	15
101	Circulating Malondialdehyde-Modified LDL-Related Variables and Coronary Artery Stenosis in Asymptomatic Patients with Type 2 Diabetes. Journal of Diabetes Research, 2015, 2015, 1-8.	1.0	6
102	Ligand-Activated PPARÎ±-Dependent DNA Demethylation Regulates the Fatty Acid Î²-Oxidation Genes in the Postnatal Liver. Diabetes, 2015, 64, 775-784.	0.3	53
103	Logistic regression analysis for identifying the factors affecting development of non-invasive blood glucose calibration model by near-infrared spectroscopy. Chemometrics and Intelligent Laboratory Systems, 2015, 148, 128-133.	1.8	18
104	Identification of human ELOVL5 enhancer regions controlled by SREBP. Biochemical and Biophysical Research Communications, 2015, 465, 857-863.	1.0	20
105	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
106	Absence of Elovl6 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlrâ^'/â^' mouse model. Scientific Reports, 2015, 5, 17604.	1.6	20
107	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. Journal of Atherosclerosis and Thrombosis, 2014, 21, 799-815.	0.9	27
108	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. Journal of Atherosclerosis and Thrombosis, 2014, 21, 1152-1169.	0.9	16

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109	New liverâ€“Î²â€cell axis that controls insulin secretory capacity. Journal of Diabetes Investigation, 2014, 5, 276-277.	1.1	2
110	Hepatic CREB3L3 Controls Whole-Body Energy Homeostasis and Improves Obesity and Diabetes. Endocrinology, 2014, 155, 4706-4719.	1.4	49
111	Association ofHelicobacter pyloriInfection with Glycemic Control in Patients with Diabetes: A Meta-Analysis. Journal of Diabetes Research, 2014, 2014, 1-7.	1.0	22
112	A novel processing system of sterol regulatory element-binding protein-1c regulated by polyunsaturated fatty acid. Journal of Biochemistry, 2014, 155, 301-313.	0.9	30
113	Comparison of different aspects of <scp>BMI</scp> history to identify undiagnosed diabetes in Japanese men and women: Toranomon Hospital Health Management Center Study 12 (<scp>TOPICS</scp>) Tj ETQq1 1 0.784314 rgBT		
114	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
115	MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. Nature Communications, 2014, 5, 3147.	5.8	92
116	High risk of failing eradication of Helicobacter pylori in patients with diabetes: A meta-analysis. Diabetes Research and Clinical Practice, 2014, 106, 81-87.	1.1	37
117	Ablation of Elovl6 protects pancreatic islets from high-fat diet-induced impairment of insulin secretion. Biochemical and Biophysical Research Communications, 2014, 450, 318-323.	1.0	15
118	Plasma free metanephrines in the diagnosis of pheochromocytoma: diagnostic accuracy and strategies for Japanese patients. Endocrine Journal, 2014, 61, 667-673.	0.7	11
119	MicroRNA-33b knock-in mice for an intron of sterol regulatory element-binding factor 1 (Srebf1) exhibit reduced HDL-C in vivo. Scientific Reports, 2014, 4, 5312.	1.6	44
120	Association Between Physical Activity and Risk of All-Cause Mortality and Cardiovascular Disease in Patients With Diabetes. Diabetes Care, 2013, 36, 471-479.	4.3	156
121	Use of highâ€normal levels of haemoglobin A_{1C} and fasting plasma glucose for diabetes screening and for prediction: a metaâ€analysis. Diabetes/Metabolism Research and Reviews, 2013, 29, 680-692.	1.7	19
122	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. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 281-288.	1.0	34
123	TFE3 inhibits myoblast differentiation in C2C12 cells via down-regulating gene expression of myogenin. Biochemical and Biophysical Research Communications, 2013, 430, 664-669.	1.0	11
124	MicroRNA-33 regulates sterol regulatory element-binding protein 1 expression in mice. Nature Communications, 2013, 4, 2883.	5.8	183
125	TFE3 Controls Lipid Metabolism in Adipose Tissue of Male Mice by Suppressing Lipolysis and Thermogenesis. Endocrinology, 2013, 154, 3577-3588.	1.4	31
126	Glycogen shortage during fasting triggers liverâ€“brainâ€“adipose neurocircuitry to facilitate fat utilization. Nature Communications, 2013, 4, 2316.	5.8	84

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127	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). Journal of Clinical Endocrinology and Metabolism, 2013, 98, 1051-1060.	1.8	21
128	Role of alcohol drinking pattern in type 2 diabetes in Japanese men: the Toranomon Hospital Health Management Center Study 11 (TOPICS 11). American Journal of Clinical Nutrition, 2013, 97, 561-568.	2.2	37
129	Deranged fatty acid composition causes pulmonary fibrosis in Elovl6-deficient mice. Nature Communications, 2013, 4, 2563.	5.8	77
130	The Relationship between Diabetic Neuropathy and Sleep Apnea Syndrome: A Meta-Analysis. Sleep Disorders, 2013, 2013, 1-7.	0.8	32
131	Quality and accuracy of Internet information concerning a healthy diet. International Journal of Food Sciences and Nutrition, 2013, 64, 1007-1013.	1.3	15
132	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
133	Insulinâ€dependent and â€independent regulation of sterol regulatory elementâ€binding proteinâ€1c. Journal of Diabetes Investigation, 2013, 4, 411-412.	1.1	14
134	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) Tj ETQq0 0 1.2 rgBT /Overlock 10	1.2	6
135	Diabetes and Risk of Hearing Impairment in Adults: A Meta-Analysis. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 51-58.	1.8	194
136	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). Diabetes Care, 2013, 36, 4007-4014.	4.3	88
137	Inhibition of Autophagy Enhances Sunitinib-Induced Cytotoxicity in Rat Pheochromocytoma PC12 cells. Journal of Pharmacological Sciences, 2013, 121, 67-73.	1.1	39
138	Carotid Artery Plaque and LDL-to-HDL Cholesterol Ratio Predict Atherosclerotic Status in Coronary Arteries in Asymptomatic Patients with Type 2 Diabetes Mellitus. Journal of Atherosclerosis and Thrombosis, 2013, 20, 452-464.	0.9	39
139	Sunitinib inhibits catecholamine synthesis and secretion in pheochromocytoma tumor cells by blocking VEGF receptor 2 via PLC-γ3-related pathways. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1006-E1014.	1.8	18
140	A Case of Acute Adrenal Insufficiency Unmasked During Sunitinib Treatment for Metastatic Renal Cell Carcinoma. Japanese Journal of Clinical Oncology, 2012, 42, 764-766.	0.6	10
141	Impact of Psychological Stress caused by the Great East Japan Earthquake on Glycemic Control in Patients with Diabetes. Experimental and Clinical Endocrinology and Diabetes, 2012, 120, 560-563.	0.6	36
142	Sunitinib induces apoptosis in pheochromocytoma tumor cells by inhibiting VEGFR2/Akt/mTOR/S6K1 pathways through modulation of Bcl-2 and BAD. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E615-E625.	1.8	44
143	TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E896-E902.	1.8	31
144	Comparison of Various Lipid Variables as Predictors of Coronary Heart Disease in Japanese Men and Women With Type 2 Diabetes. Diabetes Care, 2012, 35, 1150-1157.	4.3	45

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145	Comparisons of the Strength of Associations With Future Type 2 Diabetes Risk Among Anthropometric Obesity Indicators, Including Waist-to-Height Ratio: A Meta-Analysis. American Journal of Epidemiology, 2012, 176, 959-969.	1.6	181
146	Effect of web-based lifestyle modification on weight control: a meta-analysis. International Journal of Obesity, 2012, 36, 675-685.	1.6	120
147	Quality of Internet information related to the Mediterranean diet. Public Health Nutrition, 2012, 15, 885-893.	1.1	34
148	Identical germline mutations in the <scp>TMEM</scp>127 gene in two unrelated <scp>J</scp>apanese patients with bilateral pheochromocytoma. Clinical Endocrinology, 2012, 77, 707-714.	1.2	14
149	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). Diabetic Medicine, 2012, 29, 1285-1290.	1.2	28
150	Screening for preâ€diabetes to predict future diabetes using various cutâ€off points for HbA_{1c} and impaired fasting glucose: the Toranomon Hospital Health Management Center Study 4 (TOPICS 4). Diabetic Medicine, 2012, 29, e279-85.	1.2	54
151	Elovl6 promotes nonalcoholic steatohepatitis. Hepatology, 2012, 56, 2199-2208.	3.6	144
152	GLUT12: a second insulinâ€responsive glucose transporters as an emerging target for type 2 diabetes. Journal of Diabetes Investigation, 2012, 3, 130-131.	1.1	5
153	Novel qualitative aspects of tissue fatty acids related to metabolic regulation: Lessons from Elovl6 knockout. Progress in Lipid Research, 2012, 51, 267-271.	5.3	43
154	Dicer has a crucial role in the early stage of adipocyte differentiation, but not in lipid synthesis, in 3T3-L1 cells. Biochemical and Biophysical Research Communications, 2012, 420, 931-936.	1.0	14
155	Longitudinal Trajectories of HbA1c and Fasting Plasma Glucose Levels During the Development of Type 2 Diabetes. Diabetes Care, 2012, 35, 1050-1052.	4.3	45
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