

# Hitoshi Shimano

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	ELOVL2 promotes cancer progression by inhibiting cell apoptosis in renal cell carcinoma. <i>Oncology Reports</i> , <b>2022</b> , 47,	3.5	4
382	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> , <b>2022</b> , 1868, 166339	6.9	1
381	TDP-43 regulates cholesterol biosynthesis by inhibiting sterol regulatory element-binding protein 2.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7988	4.9	0
380	The transcriptional corepressor CtBP2 serves as a metabolite sensor orchestrating hepatic glucose and lipid homeostasis. <i>Nature Communications</i> , <b>2021</b> , 12, 6315	17.4	1
379	FoxO-KLF15 pathway switches the flow of macronutrients under the control of insulin.. <i>IScience</i> , <b>2021</b> , 24, 103446	6.1	1
378	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> , <b>2021</b> , 2021, 9961612	3.9	3
377	High protein diet-induced metabolic changes are transcriptionally regulated via KLF15-dependent and independent pathways. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 582, 35-42	3.4	1
376	Severity of hypertension as a predictor of initiation of dialysis among study participants with and without diabetes mellitus. <i>Journal of Investigative Medicine</i> , <b>2021</b> , 69, 724-729	2.9	0
375	Macrophages rely on extracellular serine to suppress aberrant cytokine production. <i>Scientific Reports</i> , <b>2021</b> , 11, 11137	4.9	3
374	Starvation-induced transcription factor CREBH negatively governs body growth by controlling GH signaling. <i>FASEB Journal</i> , <b>2021</b> , 35, e21663	0.9	2
373	Enterohepatic Transcription Factor CREB3L3 Protects Atherosclerosis via SREBP Competitive Inhibition. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 11, 949-971	7.9	3
372	Oxidative stress and Liver X Receptor agonist induce hepatocellular carcinoma in Non-alcoholic steatohepatitis model. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2021</b> , 36, 800-810	4	5
371	Elucidating the Efficacy of Clinical Drugs Using FMO <b>2021</b> , 323-339		
370	Hepatocellular carcinoma development in diabetic patients: a nationwide survey in Japan. <i>Journal of Gastroenterology</i> , <b>2021</b> , 56, 261-273	6.9	10
369	CtBP2 confers protection against oxidative stress through interactions with NRF1 and NRF2. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 562, 146-153	3.4	2
368	Rapid manipulation of mitochondrial morphology in a living cell with iCMM.. <i>Cell Reports Methods</i> , <b>2021</b> , 1, 100052		1
367	Serum lactate dehydrogenase level as a possible predictor of treatment preference in psoriasis. <i>Journal of Dermatological Science</i> , <b>2021</b> , 103, 109-115	4.3	1

366	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). <i>Acta Diabetologica</i> , <b>2021</b> , 1	3.9	
365	Protocol for rapid manipulation of mitochondrial morphology in living cells using inducible counter mitochondrial morphology (iCMM). <i>STAR Protocols</i> , <b>2021</b> , 2, 100721	1.4	0
364	Prolonged caloric restriction ameliorates age-related atrophy in slow and fast muscle fibers of rat soleus muscle. <i>Experimental Gerontology</i> , <b>2021</b> , 154, 111519	4.5	1
363	Altered microbiota by a high-fat diet accelerates lethal myeloid hematopoiesis associated with systemic SOCS3 deficiency. <i>IScience</i> , <b>2021</b> , 24, 103117	6.1	
362	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> , <b>2020</b> , 21, 91	2.1	3
361	CREBH Improves Diet-Induced Obesity, Insulin Resistance, and Metabolic Disturbances by FGF21-Dependent and FGF21-Independent Mechanisms. <i>IScience</i> , <b>2020</b> , 23, 100930	6.1	8
360	Handgrip strength predicts new prediabetes cases among adults: A prospective cohort study. <i>Preventive Medicine Reports</i> , <b>2020</b> , 17, 101056	2.6	8
359	Elucidation of Molecular Mechanism of a Selective PPAR $\alpha$ Modulator, Pemafibrate, through Combinational Approaches of X-ray Crystallography, Thermodynamic Analysis, and First-Principle Calculations. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	14
358	Cathepsin B overexpression induces degradation of perilipin 1 to cause lipid metabolism dysfunction in adipocytes. <i>Scientific Reports</i> , <b>2020</b> , 10, 634	4.9	15
357	New perspective on type 2 diabetes, dyslipidemia and non-alcoholic fatty liver disease. <i>Journal of Diabetes Investigation</i> , <b>2020</b> , 11, 532-534	3.9	11
356	Guidelines on the Clinical Evaluation of Medicinal Products for Treatment of Dyslipidemia. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2020</b> , 27, 1246-1254	4	1
355	Transcriptional co-repressor CtBP2 orchestrates epithelial-mesenchymal transition through a novel transcriptional holocomplex with OCT1. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 523, 354-360	3.4	4
354	Srebp-1c/Fgf21/Pgc-1 $\alpha$ Axis Regulated by Leptin Signaling in Adipocytes-Possible Mechanism of Caloric Restriction-Associated Metabolic Remodeling of White Adipose Tissue. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4
353	Diabetes mellitus and risk of new-onset and recurrent heart failure: a systematic review and meta-analysis. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 2146-2174	3.7	13
352	Advanced Oxidation Protein Products Contribute to Renal Tubulopathy Perturbation of Renal Fatty Acids. <i>Kidney360</i> , <b>2020</b> , 1, 781-796	1.8	4
351	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acyl-Chain Length and Hepatic Insulin Sensitivity in Mice. <i>Hepatology</i> , <b>2020</b> , 71, 1609-1625	11.2	15
350	Glucocorticoid receptor suppresses gene expression of Rev-erb $\alpha$ (Nr1d1) through interaction with the CLOCK complex. <i>FEBS Letters</i> , <b>2019</b> , 593, 423-432	3.8	13
349	The selective peroxisome proliferator-activated receptor alpha modulator (SPPARM) $\alpha$ paradigm: conceptual framework and therapeutic potential : A consensus statement from the International Atherosclerosis Society (IAS) and the Residual Risk Reduction Initiative (R3i) Foundation. <i>Cardiovascular Diabetology</i> , <b>2019</b> , 18, 71	8.7	64

348	Residual vascular risk in diabetes - Will the SPPARM alpha concept hold the key?. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2019</b> , 13, 2723-2725	8.9	2
347	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> , <b>2019</b> , 9, 5169	4.9	17
346	Rho-associated, coiled-coil-containing protein kinase $\alpha$ as a new player in the regulation of hepatic lipogenesis. <i>Journal of Diabetes Investigation</i> , <b>2019</b> , 10, 1165-1167	3.9	4
345	Exercise training reduces ventricular arrhythmias through restoring calcium handling and sympathetic tone in myocardial infarction mice. <i>Physiological Reports</i> , <b>2019</b> , 7, e13972	2.6	8
344	Association between Lysosomal Dysfunction and Obesity-Related Pathology: A Key Knowledge to Prevent Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
343	Transcriptome network analysis identifies protective role of the LXR/SREBP-1c axis in murine pulmonary fibrosis. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	17
342	Higher pulse pressure predicts initiation of dialysis in Japanese patients with diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2019</b> , 35, e3120	7.5	6
341	Epigenetic modulation of Fgf21 in the perinatal mouse liver ameliorates diet-induced obesity in adulthood. <i>Nature Communications</i> , <b>2018</b> , 9, 636	17.4	45
340	Saturated Fatty Acids Undergo Intracellular Crystallization and Activate the NLRP3 Inflammasome in Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 744-756	9.4	66
339	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> , <b>2018</b> , 19, 593-602	3.6	7
338	Novel non-alcoholic steatohepatitis model with histopathological and insulin-resistant features. <i>Pathology International</i> , <b>2018</b> , 68, 12-22	1.8	13
337	A candidate functional SNP rs7074440 in TCF7L2 alters gene expression through C-FOS in hepatocytes. <i>FEBS Letters</i> , <b>2018</b> , 592, 422-433	3.8	8
336	Molecular association model of PPAR $\alpha$ and its new specific and efficient ligand, pemafibrate: Structural basis for SPPARM $\alpha$ . <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 499, 239-245	3.4	34
335	Age-dependent changes in dynamic standing-balance ability evaluated quantitatively using a stabilometer. <i>Journal of Physical Therapy Science</i> , <b>2018</b> , 30, 86-91	1	6
334	The Peroxisome Proliferator-Activated Receptor $\alpha$ Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	28
333	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> , <b>2018</b> , 28, 3-18	3.4	8
332	CREBH Regulates Systemic Glucose and Lipid Metabolism. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	33
331	Relationship between intake of fruit separately from vegetables and triglycerides - A meta-analysis. <i>Clinical Nutrition ESPEN</i> , <b>2018</b> , 27, 53-58	1.3	5

330	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. <i>Endocrinology</i> , <b>2018</b> , 159, 2308-2323	4.8	11
329	Brg1 regulates pro-lipogenic transcription by modulating SREBP activity in hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 2881-2889	6.9	41
328	Malondialdehyde-modified LDL-related variables are associated with diabetic kidney disease in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , <b>2018</b> , 141, 237-243	7.4	8
327	Evaluation of safety for hepatectomy in a novel mouse model with nonalcoholic-steatohepatitis. <i>World Journal of Gastroenterology</i> , <b>2018</b> , 24, 1622-1631	5.6	4
326	Computational design and molecular mechanism in oligomerization of C-terminal binding protein 2. <i>FASEB Journal</i> , <b>2018</b> , 32, 798.22	0.9	
325	A Rare Coexistence of Pheochromocytoma and Parkinson Disease With Diagnostic Challenges. <i>Internal Medicine</i> , <b>2018</b> , 57, 979-985	1.1	1
324	Elovl6 regulates mechanical damage-induced keratinocyte death and skin inflammation. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 1181	9.8	6
323	Protein Residue Networks from Energetic and Geometric Data: Are They Identical?. <i>Journal of Chemical Theory and Computation</i> , <b>2018</b> , 14, 6623-6631	6.4	16
322	Network meta-analysis of the relative efficacy of bariatric surgeries for diabetes remission. <i>Obesity Reviews</i> , <b>2018</b> , 19, 1621-1629	10.6	26
321	Unstable bodyweight and incident type 2 diabetes mellitus: A meta-analysis. <i>Journal of Diabetes Investigation</i> , <b>2017</b> , 8, 501-509	3.9	16
320	Selective peroxisome proliferator-activated receptor- $\gamma$ modulator K-877 efficiently activates the peroxisome proliferator-activated receptor- $\beta$ pathway and improves lipid metabolism in mice. <i>Journal of Diabetes Investigation</i> , <b>2017</b> , 8, 446-452	3.9	28
319	Elovl6 Deficiency Improves Glycemic Control in Diabetic / Mice by Expanding $\beta$ Cell Mass and Increasing Insulin Secretory Capacity. <i>Diabetes</i> , <b>2017</b> , 66, 1833-1846	0.9	15
318	Critical role of CREBH-mediated induction of transforming growth factor $\beta$ by hepatitis C virus infection in fibrogenic responses in hepatic stellate cells. <i>Hepatology</i> , <b>2017</b> , 66, 1430-1443	11.2	18
317	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> , <b>2017</b> , 99, 34-39	4.1	7
316	Effects of K-877, a novel selective PPAR $\gamma$ modulator, on small intestine contribute to the amelioration of hyperlipidemia in low-density lipoprotein receptor knockout mice. <i>Journal of Pharmacological Sciences</i> , <b>2017</b> , 133, 214-222	3.7	30
315	A key role of nuclear factor Y in the refeeding response of fatty acid synthase in adipocytes. <i>FEBS Letters</i> , <b>2017</b> , 591, 965-978	3.8	11
314	SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. <i>Cell Metabolism</i> , <b>2017</b> , 25, 412-427	24.6	140
313	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> , <b>2017</b> , 493, 40-45	3.4	16

312	SREBP-regulated lipid metabolism: convergent physiology - divergent pathophysiology. <i>Nature Reviews Endocrinology</i> , <b>2017</b> , 13, 710-730	15.2	368
311	Mitochondrial intermediate peptidase is a novel regulator of sirtuin-3 activation by caloric restriction. <i>FEBS Letters</i> , <b>2017</b> , 591, 4067-4073	3.8	9
310	A distinct function of the retinoblastoma protein in the control of lipid composition identified by lipidomic profiling. <i>Oncogenesis</i> , <b>2017</b> , 6, e350	6.6	17
309	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> , <b>2017</b> , 96, e6122	1.8	15
308	Role of Hormone-sensitive Lipase in Leptin-Promoted Fat Loss and Glucose Lowering. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2017</b> , 24, 1105-1116	4	4
307	Utility of nonblood-based risk assessment for predicting type 2 diabetes mellitus: A meta-analysis. <i>Preventive Medicine</i> , <b>2016</b> , 91, 180-187	4.3	2
306	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. <i>Scientific Reports</i> , <b>2016</b> , 6, 27857	4.9	25
305	Loss of SDHB Elevates Catecholamine Synthesis and Secretion Depending on ROS Production and HIF Stabilization. <i>Neurochemical Research</i> , <b>2016</b> , 41, 696-706	4.6	17
304	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> , <b>2016</b> , 46, 67-77	10.6	45
303	Different Effects of Eicosapentaenoic and Docosahexaenoic Acids on Atherogenic High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157580	3.7	40
302	Comparative Binding Analysis of Dipeptidyl Peptidase IV (DPP-4) with Antidiabetic Drugs - An Ab Initio Fragment Molecular Orbital Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166275	3.7	38
301	Crucial Role of Elovl6 in Chondrocyte Growth and Differentiation during Growth Plate Development in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159375	3.7	7
300	Meta-analytic research on the relationship between cumulative risk alleles and risk of type 2 diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2016</b> , 32, 178-86	7.5	1
299	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/Krüppel-Like Factor 4 (AMPK/KLF4) Signaling. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	20
298	CREB3L3 controls fatty acid oxidation and ketogenesis in synergy with PPAR $\alpha$ . <i>Scientific Reports</i> , <b>2016</b> , 6, 39182	4.9	27
297	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> , <b>2016</b> , 163, 81-87	3.5	4
296	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. <i>Cell Reports</i> , <b>2016</b> , 16, 2373-86	10.6	56
295	Intestinal CREBH overexpression prevents high-cholesterol diet-induced hypercholesterolemia by reducing expression. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 1092-1102	8.8	19



294	Quantitative assessment of genetic testing for type 2 diabetes mellitus based on findings of genome-wide association studies. <i>Annals of Epidemiology</i> , <b>2016</b> , 26, 816-818.e6	6.4	0
293	Novel role for the CRTC2 in lipid homeostasis. <i>Journal of Diabetes Investigation</i> , <b>2016</b> , 7, 677-9	3.9	4
292	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> , <b>2016</b> , 7, 260-9	3.9	10
291	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> , <b>2015</b> , 148, 128-133	3.8	13
290	Identification of human ELOVL5 enhancer regions controlled by SREBP. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 465, 857-63	3.4	15
289	Skeletal muscle-specific HMG-CoA reductase knockout mice exhibit rhabdomyolysis: A model for statin-induced myopathy. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 466, 536-40	3.4	49
288	Subendocardial Systolic Dysfunction in Asymptomatic Normotensive Diabetic Patients. <i>Circulation Journal</i> , <b>2015</b> , 79, 1749-55	2.9	41
287	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> , <b>2015</b> , 62, 797-804	2.9	10
286	Circulating malondialdehyde-modified LDL-related variables and coronary artery stenosis in asymptomatic patients with type 2 diabetes. <i>Journal of Diabetes Research</i> , <b>2015</b> , 2015, 507245	3.9	5
285	Ligand-activated PPAR $\alpha$ -dependent DNA demethylation regulates the fatty acid $\beta$ -oxidation genes in the postnatal liver. <i>Diabetes</i> , <b>2015</b> , 64, 775-84	0.9	38
284	Absence of Elovl6 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlr(-/-) mouse model. <i>Scientific Reports</i> , <b>2015</b> , 5, 17604	4.9	15
283	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> , <b>2014</b> , 31, 1378-86	3.5	6
282	Estrogen receptor ligands ameliorate fatty liver through a nonclassical estrogen receptor/Liver X receptor pathway in mice. <i>Hepatology</i> , <b>2014</b> , 59, 1791-802	11.2	52
281	MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. <i>Nature Communications</i> , <b>2014</b> , 5, 3147	17.4	69
280	High risk of failing eradication of Helicobacter pylori in patients with diabetes: a meta-analysis. <i>Diabetes Research and Clinical Practice</i> , <b>2014</b> , 106, 81-7	7.4	28
279	Ablation of Elovl6 protects pancreatic islets from high-fat diet-induced impairment of insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 450, 318-23	3.4	13
278	Plasma free metanephrines in the diagnosis of pheochromocytoma: diagnostic accuracy and strategies for Japanese patients. <i>Endocrine Journal</i> , <b>2014</b> , 61, 667-73	2.9	8
277	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> , <b>2014</b> , 4, 5312	4.9	32

276	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> , <b>2014</b> , 21, 799-815	4	23
275	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> , <b>2014</b> , 21, 1152-69	4	13
274	New liver-β-cell axis that controls insulin secretory capacity. <i>Journal of Diabetes Investigation</i> , <b>2014</b> , 5, 276-7	3.9	2
273	Hepatic CREB3L3 controls whole-body energy homeostasis and improves obesity and diabetes. <i>Endocrinology</i> , <b>2014</b> , 155, 4706-19	4.8	34
272	Association of Helicobacter pylori infection with glycemic control in patients with diabetes: a meta-analysis. <i>Journal of Diabetes Research</i> , <b>2014</b> , 2014, 250620	3.9	15
271	A novel processing system of sterol regulatory element-binding protein-1c regulated by polyunsaturated fatty acid. <i>Journal of Biochemistry</i> , <b>2014</b> , 155, 301-13	3.1	21
270	Association between physical activity and risk of all-cause mortality and cardiovascular disease in patients with diabetes: a meta-analysis. <i>Diabetes Care</i> , <b>2013</b> , 36, 471-9	14.6	114
269	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> , <b>2013</b> , 29, 680-92	7.5	17
268	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> , <b>2013</b> , 88, 281-8	2.8	31
267	TFE3 inhibits myoblast differentiation in C2C12 cells via down-regulating gene expression of myogenin. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 430, 664-9	3.4	9
266	MicroRNA-33 regulates sterol regulatory element-binding protein 1 expression in mice. <i>Nature Communications</i> , <b>2013</b> , 4, 2883	17.4	147
265	TFE3 controls lipid metabolism in adipose tissue of male mice by suppressing lipolysis and thermogenesis. <i>Endocrinology</i> , <b>2013</b> , 154, 3577-88	4.8	26
264	Glycogen shortage during fasting triggers liver-brain-adipose neurocircuitry to facilitate fat utilization. <i>Nature Communications</i> , <b>2013</b> , 4, 2316	17.4	60
263	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> , <b>2013</b> , 98, 1051-60	5.6	19
262	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> , <b>2013</b> , 97, 561-87	7	27
261	Deranged fatty acid composition causes pulmonary fibrosis in Elovl6-deficient mice. <i>Nature Communications</i> , <b>2013</b> , 4, 2563	17.4	50
260	The Relationship between Diabetic Neuropathy and Sleep Apnea Syndrome: A Meta-Analysis. <i>Sleep Disorders</i> , <b>2013</b> , 2013, 150371	1.7	24
259	Quality and accuracy of Internet information concerning a healthy diet. <i>International Journal of Food Sciences and Nutrition</i> , <b>2013</b> , 64, 1007-13	3.7	12



258	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> , <b>2013</b> , 305, E1415-25	6	52
257	Insulin-dependent and -independent regulation of sterol regulatory element-binding protein-1c. <i>Journal of Diabetes Investigation</i> , <b>2013</b> , 4, 411-2	3.9	10
256	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> , <b>2013</b> , 30, 1355-9	3.5	3
255	Diabetes and risk of hearing impairment in adults: a meta-analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 51-8	5.6	141
254	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> , <b>2013</b> , 36, 4007-14	14.6	64
253	Inhibition of autophagy enhances sunitinib-induced cytotoxicity in rat pheochromocytoma PC12 cells. <i>Journal of Pharmacological Sciences</i> , <b>2013</b> , 121, 67-73	3.7	35
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1	A built-in self-test circuit with timing margin test function in a 1 Gbit synchronous DRAM		6