Hiroshi Maegawa

List of Publications by Year
in descending order

329	12,051	25014	42364
papers	citations	57 h-index	92 g-index

342	342	342	16767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variants in KCNQ1 are associated with susceptibility to type 2 diabetes mellitus. Nature Genetics, 2008, 40, 1092-1097.	9.4	694
2	Peptide and Protein Library Screening Defines Optimal Substrate Motifs for AKT/PKB. Journal of Biological Chemistry, 2000, 275, 36108-36115.	1.6	349
3	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. Nature Genetics, 2010, 42, 864-868.	9.4	245
4	Impaired Podocyte Autophagy Exacerbates Proteinuria in Diabetic Nephropathy. Diabetes, 2016, 65, 755-767.	0.3	243
5	Effect of an intensified multifactorial intervention on cardiovascular outcomes and mortality in type 2 diabetes (J-DOIT3): an open-label, randomised controlled trial. Lancet Diabetes and Endocrinology,the, 2017, 5, 951-964.	5.5	228
6	Oral Administration of Tetrahydrobiopterin Prevents Endothelial Dysfunction and Vascular Oxidative Stress in the Aortas of Insulin-Resistant Rats. Circulation Research, 2000, 87, 566-573.	2.0	224
7	Protein Phosphatase 2A Negatively Regulates Insulin's Metabolic Signaling Pathway by Inhibiting Akt (Protein Kinase B) Activity in 3T3-L1 Adipocytes. Molecular and Cellular Biology, 2004, 24, 8778-8789.	1.1	199
8	SGLT2 Inhibition Mediates Protection from Diabetic Kidney Disease by Promoting Ketone Body-Induced mTORC1 Inhibition. Cell Metabolism, 2020, 32, 404-419.e6.	7.2	197
9	Obesity-Mediated Autophagy Insufficiency Exacerbates Proteinuria-induced Tubulointerstitial Lesions. Journal of the American Society of Nephrology: JASN, 2013, 24, 1769-1781.	3.0	185
10	Amelioration of high fructose-induced metabolic derangements by activation of PPARÎ±. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E1180-E1190.	1.8	172
11	Genome-Wide Association Study Identifies a Novel Locus Contributing to Type 2 Diabetes Susceptibility in Sikhs of Punjabi Origin From India. Diabetes, 2013, 62, 1746-1755.	0.3	167
12	Genome-wide association study identifies three novel loci for type 2 diabetes. Human Molecular Genetics, 2014, 23, 239-246.	1.4	158
13	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. Nature Communications, 2016, 7, 10531.	5.8	149
14	Fenofibrate, a PPARÎ± agonist, has renoprotective effects in mice by enhancing renal lipolysis. Kidney International, 2011, 79, 871-882.	2.6	145
15	Combined Expression of Pancreatic Duodenal Homeobox 1 and Islet Factor 1 Induces Immature Enterocytes to Produce Insulin. Diabetes, 2002, 51, 1398-1408.	0.3	142
16	Less Subclinical Atherosclerosis in Japanese Men in Japan than in White Men in the United States in the Post-World War II Birth Cohort. American Journal of Epidemiology, 2007, 165, 617-624.	1.6	132
17	Microbiome potentiates endurance exercise through intestinal acetate production. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E956-E966.	1.8	131
18	Replication of Genome-Wide Association Studies of Type 2 Diabetes Susceptibility in Japan. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3136-3141.	1.8	130

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19	Protein-tyrosine Phosphatase-1B Negatively Regulates Insulin Signaling in L6 Myocytes and Fao Hepatoma Cells. Journal of Biological Chemistry, 2001, 276, 10207-10211.	1.6	126
20	Effects of Pemafibrate, a Novel Selective PPARÎ± Modulator, on Lipid and Glucose Metabolism in Patients With Type 2 Diabetes and Hypertriglyceridemia: A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial. Diabetes Care, 2018, 41, 538-546.	4.3	122
21	SIRT3 attenuates palmitate-induced ROS production and inflammation in proximal tubular cells. Free Radical Biology and Medicine, 2011, 51, 1258-1267.	1.3	121
22	MicroRNA-494 regulates mitochondrial biogenesis in skeletal muscle through mitochondrial transcription factor A and Forkhead box j3. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1419-E1427.	1.8	119
23	Enhanced sodium sensitivity and disturbed circadian rhythm of blood pressure in essential hypertension. Journal of Hypertension, 2006, 24, 1627-1632.	0.3	113
24	Inactivation of TNF-Î± ameliorates diabetic neuropathy in mice. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E844-E852.	1.8	109
25	Impaired Autophosphorylation of Insulin Receptors From Abdominal Skeletal Muscles in Nonobese Subjects With NIDDM. Diabetes, 1991, 40, 815-819.	0.3	99
26	A single-nucleotide polymorphism in ANK1 is associated with susceptibility to type 2 diabetes in Japanese populations. Human Molecular Genetics, 2012, 21, 3042-3049.	1.4	99
27	Fatty acids are novel nutrient factors to regulate mTORC1 lysosomal localization and apoptosis in podocytes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1097-1108.	1.8	99
28	Autophagy as a Therapeutic Target in Diabetic Nephropathy. Experimental Diabetes Research, 2012, 2012, 1-12.	3.8	92
29	Autophagy regulates inflammation in adipocytes. Biochemical and Biophysical Research Communications, 2012, 417, 352-357.	1.0	91
30	Emerging role of podocyte autophagy in the progression of diabetic nephropathy. Autophagy, 2015, 11, 2385-2386.	4.3	87
31	Predictive Effects of Urinary Liver-Type Fatty Acidâ€“Binding Protein for Deteriorating Renal Function and Incidence of Cardiovascular Disease in Type 2 Diabetic Patients Without Advanced Nephropathy. Diabetes Care, 2013, 36, 1248-1253.	4.3	86
32	Thiazolidine Derivatives Ameliorate High Glucose-induced Insulin Resistance via the Normalization of Protein-tyrosine Phosphatase Activities. Journal of Biological Chemistry, 1995, 270, 7724-7730.	1.6	84
33	Lysophosphatidylcholine stimulates the expression and production of MCP-1 by human vascular endothelial cells. Metabolism: Clinical and Experimental, 1996, 45, 559-564.	1.5	83
34	Sumoylation of Pdx1 is associated with its nuclear localization and insulin gene activation. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E830-E840.	1.8	81
35	Omega-3 polyunsaturated fatty acid has an anti-oxidant effect via the Nrf-2/HO-1 pathway in 3T3-L1 adipocytes. Biochemical and Biophysical Research Communications, 2013, 430, 225-230.	1.0	81
36	Association of TCF7L2 polymorphisms with susceptibility to type 2 diabetes in 4,087 Japanese subjects. Journal of Human Genetics, 2008, 53, 174-180.	1.1	80

#	Article	IF	Citations
37	Oleate and eicosapentaenoic acid attenuate palmitate-induced inflammation and apoptosis in renal proximal tubular cell. Biochemical and Biophysical Research Communications, 2010, 402, 265-271.	1.0	72
38	MiR-494-3p regulates mitochondrial biogenesis and thermogenesis through PGC1-Î± signalling in beige adipocytes. Scientific Reports, 2018, 8, 15096.	1.6	71
39	Protein-tyrosine Phosphatase 1B as New Activator for Hepatic Lipogenesis via Sterol Regulatory Element-binding Protein-1 Gene Expression. Journal of Biological Chemistry, 2003, 278, 43095-43101.	1.6	70
40	Construction of a prediction model for type 2 diabetes mellitus in the Japanese population based on 11 genes with strong evidence of the association. Journal of Human Genetics, 2009, 54, 236-241.	1.1	70
41	4-Hydroxy Hexenal Derived from Docosahexaenoic Acid Protects Endothelial Cells via Nrf2 Activation. PLoS ONE, 2013, 8, e69415.	1.1	69
42	Genetic variations in the gene encoding TFAP2B are associated with type 2 diabetes mellitus. Journal of Human Genetics, 2005, 50, 283-292.	1.1	68
43	Urinary Potassium Excretion and Renal and Cardiovascular Complications in Patients with Type 2 Diabetes and Normal Renal Function. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 2152-2158.	2.2	68
44	Insulin Activates CCAAT/Enhancer Binding Proteins and Proinflammatory Gene Expression through the Phosphatidylinositol 3-Kinase Pathway in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2002, 277, 36631-36639.	1.6	67
45	Large-scale survey of rates of achieving targets for blood glucose, blood pressure, and lipids and prevalence of complications in type 2 diabetes (JDDM 40). BMJ Open Diabetes Research and Care, 2016, 4, e000294.	1.2	67
46	Supernormal insulin: [D-PheB24]-insulin with increased affinity for insulin receptors. Biochemical and Biophysical Research Communications, 1982, 107, 329-336.	1.0	66
47	Persistent Activation of Phosphatidylinositol 3-Kinase Causes Insulin Resistance Due to Accelerated Insulin-Induced Insulin Receptor Substrate-1 Degradation in 3T3-L1 Adipocytes*. Endocrinology, 2000, 141, 1930-1935.	1.4	65
48	Reduction of insulin-stimulated glucose uptake by peroxynitrite is concurrent with tyrosine nitration of insulin receptor substrate-1. Biochemical and Biophysical Research Communications, 2004, 320, 639-647.	1.0	65
49	Low concentration of 4-hydroxy hexenal increases heme oxygenase-1 expression through activation of Nrf2 and antioxidative activity in vascular endothelial cells. Biochemical and Biophysical Research Communications, 2010, 402, 99-104.	1.0	65
50	A Mutation of COX6A1 Causes a Recessive Axonal or Mixed Form of Charcot-Marie-Tooth Disease. American Journal of Human Genetics, 2014, 95, 294-300.	2.6	65
51	The Role of Autophagy in the Pathogenesis of Diabetic Nephropathy. Journal of Diabetes Research, 2013, 2013, 1-9.	1.0	64
52	Association between single nucleotide polymorphisms within genes encoding sirtuin families and diabetic nephropathy in Japanese subjects with type 2 diabetes. Clinical and Experimental Nephrology, 2011, 15, 381-390.	0.7	63
53	Regulation of Mitochondrial Biogenesis by Lipoprotein Lipase in Muscle of Insulin-Resistant Offspring of Parents With Type 2 Diabetes. Diabetes, 2012, 61, 877-887.	0.3	63
54	Expression of a Dominant Negative SHP-2 in Transgenic Mice Induces Insulin Resistance. Journal of Biological Chemistry, 1999, 274, 30236-30243.	1.6	62

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55	Association Between Urinary Type IV Collagen Level and Deterioration of Renal Function in Type 2 Diabetic Patients Without Overt Proteinuria. Diabetes Care, 2010, 33, 1805-1810.	4.3	62
56	Association of New Loci Identified in European Genome-Wide Association Studies with Susceptibility to Type 2 Diabetes in the Japanese. PLoS ONE, 2011, 6, e26911.	1.1	62
57	Anti-aging molecule, Sirt1: a novel therapeutic target for diabetic nephropathy. Archives of Pharmacal Research, 2013, 36, 230-236.	2.7	60
58	A high-fiber, low-fat diet improves periodontal disease markers in high-risk subjects: a pilot study. Nutrition Research, 2014, 34, 491-498.	1.3	59
59	Metabolic and hemodynamic effects of sodiumâ€dependent glucose cotransporter 2 inhibitors on cardioâ€renal protection in the treatment of patients with type 2 diabetes mellitus. Journal of Diabetes Investigation, 2017, 8, 416-427.	1.1	59
60	Localization of the Insulin-like Growth Factor I Receptor Binding Sites for the SH2 Domain Proteins p85, Syp, and GTPase Activating Protein. Journal of Biological Chemistry, 1995, 270, 19151-19157.	1.6	58
61	Mammalian autophagy is essential for hepatic and renal ketogenesis during starvation. Scientific Reports, 2016, 6, 18944.	1.6	58
62	Reduction of Microalbuminuria in Patients With Type 2 Diabetes: The Shiga Microalbuminuria Reduction Trial (SMART). Diabetes Care, 2007, 30, 1581-1583.	4.3	56
63	Dapagliflozin as Monotherapy or Combination Therapy in Japanese Patients with Type 2 Diabetes: an Open-Label Study. Diabetes Therapy, 2014, 5, 415-433.	1.2	56
64	Autophagy: Emerging Therapeutic Target for Diabetic Nephropathy. Seminars in Nephrology, 2014, 34, 9-16.	0.6	56
65	Single Nucleotide Polymorphism (â€“468 Gly to Ala) at the Promoter Region of Sterol Regulatory Element-binding Protein-1c Associates with Genetic Defect of Fructose-induced Hepatic Lipogenesis. Journal of Biological Chemistry, 2004, 279, 29031-29042.	1.6	55
66	Gene Therapy for Neuropathic Pain by Silencing of TNF-Î± Expression with Lentiviral Vectors Targeting the Dorsal Root Ganglion in Mice. PLoS ONE, 2014, 9, e92073.	1.1	54
67	Fiber-rich diet with brown rice improves endothelial function in type 2 diabetes mellitus: A randomized controlled trial. PLoS ONE, 2017, 12, e0179869.	1.1	52
68	Role of Nutrient-Sensing Signals in the Pathogenesis of Diabetic Nephropathy. BioMed Research International, 2014, 2014, 1-9.	0.9	51
69	Amla Enhances Mitochondrial Spare Respiratory Capacity by Increasing Mitochondrial Biogenesis and Antioxidant Systems in a Murine Skeletal Muscle Cell Line. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	1.9	49
70	A primary defect in insulin receptor in a young male patient with insulin resistance. Metabolism: Clinical and Experimental, 1986, 35, 950-955.	1.5	48
71	Intronic Polymorphisms within TFAP2B Regulate Transcriptional Activity and Affect Adipocytokine Gene Expression in Differentiated Adipocytes. Molecular Endocrinology, 2006, 20, 1104-1111.	3.7	48
72	Lipoprotein-associated phospholipase A2 is related to risk of subclinical atherosclerosis but is not supported by Mendelian randomization analysis in a general Japanese population. Atherosclerosis, 2016, 246, 141-147.	0.4	48

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73	Much lower prevalence of coronary calcium detected by electron-beam computed tomography among men aged 40-49 in Japan than in the US, despite a less favorable profile of major risk factors. International Journal of Epidemiology, 2004, 34, 173-179.	0.9	47
74	Protein Phosphatase-2CÎ± as a Positive Regulator of Insulin Sensitivity through Direct Activation of Phosphatidylinositol 3-Kinase in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2004, 279, 22715-22726.	1.6	47
75	Long chain n-3 polyunsaturated fatty acids and incidence rate of coronary artery calcification in Japanese men in Japan and white men in the USA: population based prospective cohort study. Heart, 2014, 100, 569-573.	1.2	47
76	Hyperglycemia Induces Skin Barrier Dysfunctions with Impairment of Epidermal Integrity in Non-Wounded Skin of Type 1 Diabetic Mice. PLoS ONE, 2016, 11, e0166215.	1.1	47
77	Soy phosphatidylcholine inhibited TLR4-mediated MCP-1 expression in vascular cells. Atherosclerosis, 2009, 205, 404-412.	0.4	45
78	Role of dietary amino acid balance in diet restrictionâ€mediated lifespan extension, renoprotection, and muscle weakness in aged mice. Aging Cell, 2018, 17, e12796.	3.0	45
79	Relationship of Insulin Resistance to Prevalence and Progression of Coronary Artery Calcification Beyond Metabolic Syndrome Components. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1703-1708.	1.1	44
80	Expression of Dominant Negative Mutant SHPTP2 Attenuates Phosphatidylinositol 3â€²-Kinase Activity via Modulation of Phosphorylation of Insulin Receptor Substrate-1. Journal of Biological Chemistry, 1996, 271, 12595-12602.	1.6	43
81	Endothelium-specific activation of NAD(P)H oxidase in aortas of exogenously hyperinsulinemic rats. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E976-E983.	1.8	43
82	Replication Study for the Association of 9 East Asian GWAS-Derived Loci with Susceptibility to Type 2 Diabetes in a Japanese Population. PLoS ONE, 2013, 8, e76317.	1.1	43
83	Carotid Intima-Media Thickness and Plaque in Apparently Healthy Japanese Individuals with an Estimated 10-Year Absolute Risk of CAD Death According to the Japan Atherosclerosis Society (JAS) Guidelines 2012: The Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). Journal of Atherosclerosis and Thrombosis, 2013, 20, 755-766.	0.9	43
84	A fish-based diet intervention improves endothelial function in postmenopausal women with type 2 diabetes mellitus: A randomized crossover trial. Metabolism: Clinical and Experimental, 2014, 63, 930-940.	1.5	43
85	Definitive diagnosis of mandibular hypoplasia, deafness, progeroid features and lipodystrophy (MDPL) syndrome caused by a recurrent <i>de novo</i> mutation in the <i>POLD1</i> gene. Endocrine Journal, 2018, 65, 227-238.	0.7	42
86	Declining trends of diabetic nephropathy, retinopathy and neuropathy with improving diabetes care indicators in Japanese patients with type 2 and type 1 diabetes (JDDM 46). BMJ Open Diabetes Research and Care, 2018, 6, e000521.	1.2	42
87	Association between urinary angiotensinogen levels and renal and cardiovascular prognoses in patients with type 2 diabetes mellitus. Journal of Diabetes Investigation, 2012, 3, 318-324.	1.1	41
88	Predictive Properties of Plasma Amino Acid Profile for Cardiovascular Disease in Patients with Type 2 Diabetes. PLoS ONE, 2014, 9, e101219.	1.1	41
89	1-Methylnicotinamide ameliorates lipotoxicity-induced oxidative stress and cell death in kidney proximal tubular cells. Free Radical Biology and Medicine, 2015, 89, 831-841.	1.3	41
90	Stearoyl-CoA Desaturase-1 Protects Cells against Lipotoxicity-Mediated Apoptosis in Proximal Tubular Cells. International Journal of Molecular Sciences, 2016, 17, 1868.	1.8	41

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91	Ipragliflozin, a sodiumâ€“glucose cotransporter 2 inhibitor, reduces bodyweight and fat mass, but not muscle mass, in Japanese type 2 diabetes patients treated with insulin: A randomized clinical trial. Journal of Diabetes Investigation, 2019, 10, 1012-1021.	1.1	41
92	Evaluation of a Minimally Invasive System for Measuring Glucose Area under the Curve during Oral Glucose Tolerance Tests: Usefulness of Sweat Monitoring for Precise Measurement. Journal of Diabetes Science and Technology, 2013, 7, 678-688.	1.3	40
93	The Prognosis of Patients With Type 2 Diabetes and Nonalbuminuric Diabetic Kidney Disease Is Not Always Poor: Implication of the Effects of Coexisting Macrovascular Complications (JDDM 54). Diabetes Care, 2020, 43, 1102-1110.	4.3	40
94	Effects of a Fish-Based Diet on the Serum Adiponectin Concentration in Young, Non-Obese, Healthy Japanese Subjects. Journal of Atherosclerosis and Thrombosis, 2010, 17, 628-637.	0.9	39
95	Comparison of HOMA-IR, HOMA-Î²% and disposition index between US white men and Japanese men in Japan: the ERA JUMP study. Diabetologia, 2015, 58, 265-271.	2.9	39
96	Smoking, Smoking Cessation, and Measures of Subclinical Atherosclerosis in Multiple Vascular Beds in Japanese Men. Journal of the American Heart Association, 2016, 5, .	1.6	39
97	Secular changes in clinical manifestations of kidney disease among Japanese adults with typeÂ2 diabetes from 1996 to 2014. Journal of Diabetes Investigation, 2019, 10, 1032-1040.	1.1	39
98	The Transcription Factor AP-2Î² Causes Cell Enlargement and Insulin Resistance in 3T3-L1 Adipocytes. Endocrinology, 2006, 147, 1685-1696.	1.4	38
99	A Single Nucleotide Polymorphism within DUSP9 Is Associated with Susceptibility to Type 2 Diabetes in a Japanese Population. PLoS ONE, 2012, 7, e46263.	1.1	38
100	Stiffness and Impaired Blood Flow in Lower-Leg Arteries Are Associated With Severity of Coronary Artery Calcification Among Asymptomatic Type 2 Diabetic Patients. Diabetes Care, 2004, 27, 2409-2415.	4.3	37
101	Transcription Factor Activating Enhancer-binding Protein-2Î². Journal of Biological Chemistry, 2006, 281, 31245-31253.	1.6	37
102	Role of angiotensin II-mediated AMPK inactivation on obesity-related salt-sensitive hypertension. Biochemical and Biophysical Research Communications, 2012, 418, 559-564.	1.0	37
103	Assessing the Clinical Utility of a Genetic Risk Score Constructed Using 49 Susceptibility Alleles for Type 2 Diabetes in a Japanese Population. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1667-E1673.	1.8	37
104	Renoprotective effect of DPP-4 inhibitors against free fatty acid-bound albumin-induced renal proximal tubular cell injury. Biochemical and Biophysical Research Communications, 2016, 470, 539-545.	1.0	37
105	Src homology 2 domains of protein tyrosine phosphatase are associated in vitro with both the insulin receptor and insulin receptor substrate-1 via different phosphotyrosine motifs. FEBS Letters, 1994, 340, 216-220.	1.3	36
106	Gene Therapy for Neuropathic Pain through siRNA-IRF5 Gene Delivery with Homing Peptides to Microglia. Molecular Therapy - Nucleic Acids, 2018, 11, 203-215.	2.3	36
107	4-Hydroxy hexenal derived from dietary n-3 polyunsaturated fatty acids induces anti-oxidative enzyme heme oxygenase-1 in multiple organs. Biochemical and Biophysical Research Communications, 2014, 443, 991-996.	1.0	35
108	Efficacy and safety of pemafibrate in people with type 2 diabetes and elevated triglyceride levels: 52â€week data from the PROVIDE study. Diabetes, Obesity and Metabolism, 2019, 21, 1737-1744.	2.2	35

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109	Glycated Albumin Predicts the Risk of Mortality in Type 2 Diabetic Patients on Hemodialysis: Evaluation of a Target Level for Improving Survival. Therapeutic Apheresis and Dialysis, 2014, 18, 434-442.	0.4	33
110	Monkeys mutant for PKD1 recapitulate human autosomal dominant polycystic kidney disease. Nature Communications, 2019, 10, 5517.	5.8	33
111	Insulin Signaling and Its Regulation of System A Amino Acid Uptake in Cultured Rat Vascular Smooth Muscle Cells. Circulation Research, 1996, 79, 1167-1176.	2.0	33
112	Haematopoietic cells produce BDNF and regulate appetite upon migration to the hypothalamus. Nature Communications, 2013, 4, 1526.	5.8	32
113	Population Pharmacokinetics and Therapeutic Efficacy of Febuxostat in Patients with Severe Renal Impairment. Pharmacology, 2015, 96, 90-98.	0.9	32
114	Membrane Localization of 3-Phosphoinositide-dependent Protein Kinase-1 Stimulates Activities of Akt and Atypical Protein Kinase C but Does Not Stimulate Glucose Transport and Glycogen Synthesis in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2002, 277, 38863-38869.	1.6	31
115	Protein-Tyrosine Phosphatase 1B Associates with Insulin Receptor and Negatively Regulates Insulin Signaling without Receptor Internalization. Journal of Biochemistry, 2004, 136, 89-96.	0.9	31
116	Visceral and Subcutaneous Adiposity and Adiponectin in Middleâ€aged Japanese Men: The ERA JUMP Study. Obesity, 2009, 17, 1269-1273.	1.5	31
117	Serum levels of marine-derived n-3 fatty acids in Icelanders, Japanese, Koreans, and Americansâ€”A descriptive epidemiologic study. Prostaglandins Leukotrienes and Essential Fatty Acids, 2012, 87, 11-16.	1.0	31
118	GW501516, a PPARÎ´ Agonist, Ameliorates Tubulointerstitial Inflammation in Proteinuric Kidney Disease via Inhibition of TAK1-NFÎºB Pathway in Mice. PLoS ONE, 2011, 6, e25271.	1.1	31
119	Ezetimibe prevents hepatic steatosis induced by a high-fat but not a high-fructose diet. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E293-E304.	1.8	30
120	Enhanced Intestinal Motility during Oral Glucose Tolerance Test after Laparoscopic Sleeve Gastrectomy: Preliminary Results Using Cine Magnetic Resonance Imaging. PLoS ONE, 2013, 8, e65739.	1.1	30
121	Lifetime cigarette smoking is associated with abdominal obesity in a community-based sample of Japanese men: The Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). Preventive Medicine Reports, 2016, 4, 225-232.	0.8	30
122	A variant within the FTO confers susceptibility to diabetic nephropathy in Japanese patients with type 2 diabetes. PLoS ONE, 2018, 13, e0208654.	1.1	30
123	Insulin Production in a Neuroectodermal Tumor that Expresses Islet Factor-1, But Not Pancreatic-Duodenal Homeobox 1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1795-1800.	1.8	29
124	Abnormal peripheral circulation in type 2 diabetic patients with normal ankle-brachial index associates with coronary atherosclerosis, large artery stiffness, and peripheral vascular resistance. Diabetes Research and Clinical Practice, 2005, 70, 253-262.	1.1	29
125	Safety and efficacy of ipragliflozin in Japanese patients with type 2 diabetes in real-world clinical practice: interim results of the STELLA-LONG TERM post-marketing surveillance study. Expert Opinion on Pharmacotherapy, 2018, 19, 189-201.	0.9	29
126	Higher levels of adiponectin in American than in Japanese men despite obesity. Metabolism: Clinical and Experimental, 2006, 55, 1561-1563.	1.5	28

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127	MafA differentiates rat intestinal cells into insulin-producing cells. Biochemical and Biophysical Research Communications, 2006, 349, 136-143.	1.0	28
128	Ketogenic essential amino acids replacement diet ameliorated hepatosteatosis with altering autophagy-associated molecules. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1605-1612.	1.8	28
129	Use of MRI signal intensity of extraocular muscles to evaluate methylprednisolone pulse therapy in thyroid-associated ophthalmopathy. Japanese Journal of Ophthalmology, 2015, 59, 124-130.	0.9	28
130	Pivotal Role of O-GlcNAc Modification in Cold-Induced Thermogenesis by Brown Adipose Tissue Through Mitochondrial Biogenesis. Diabetes, 2017, 66, 2351-2362.	0.3	28
131	Evaluation of the method of insulin binding studies in human erythrocytes.. Endocrinologia Japonica, 1980, 27, 337-342.	0.5	27
132	Fructose induces tubulointerstitial injury in the kidney of mice. Biochemical and Biophysical Research Communications, 2012, 419, 244-249.	1.0	27
133	MicroRNA148b-3p inhibits mTORC1-dependent apoptosis in diabetes by repressing TNFR2 inÂproximal tubular cells. Kidney International, 2016, 90, 1211-1225.	2.6	27
134	Association between serum soluble TNFÎ± receptors and renal dysfunction in type 2 diabetic patients without proteinuria. Diabetes Research and Clinical Practice, 2011, 92, 174-180.	1.1	25
135	Statin use and all-cause and cancer mortality: BioBank Japan cohort. Journal of Epidemiology, 2017, 27, S84-S91.	1.1	25
136	Diverse metabolic effects of O-GlcNAcylation in the pancreas but limited effects in insulin-sensitive organs in mice. Diabetologia, 2017, 60, 1761-1769.	2.9	25
137	Transcription factor AP-2Î²: A negative regulator of IRS-1 gene expression. Biochemical and Biophysical Research Communications, 2010, 392, 526-532.	1.0	24
138	Influence of cigarette smoking on coronary artery and aortic calcium among random samples from populations of middle-aged Japanese and Korean men. Journal of Epidemiology and Community Health, 2013, 67, 119-124.	2.0	24
139	Emerging role of mammalian autophagy in ketogenesis to overcome starvation. Autophagy, 2016, 12, 709-710.	4.3	24
140	Mechanism for Differential Effect of Protein-Tyrosine Phosphatase 1B on AktVersusMitogen-Activated Protein Kinase in 3T3-L1 Adipocytes. Endocrinology, 2002, 143, 4563-4569.	1.4	23
141	O-linked Î²-N-acetylglucosamine modification of proteins is essential for foot process maturation and survival in podocytes. Nephrology Dialysis Transplantation, 2017, 32, 1477-1487.	0.4	23
142	The Influence of a Single Nucleotide Polymorphism within CNDP1 on Susceptibility to Diabetic Nephropathy in Japanese Women with Type 2 Diabetes. PLoS ONE, 2013, 8, e54064.	1.1	23
143	Receptor binding and biological activity of [SerB24]-insulin, an abnormal mutant insulin. Biochemical and Biophysical Research Communications, 1984, 119, 49-57.	1.0	22
144	RBMX is a novel hepatic transcriptional regulator of SREBP-1c gene response to high-fructose diet. FEBS Letters, 2007, 581, 218-222.	1.3	22

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145	Hyperglycemia induces abnormal gene expression in hematopoietic stem cells and their progeny in diabetic neuropathy. FEBS Letters, 2014, 588, 1080-1086.	1.3	22
146	Association of blood levels of marine omega-3 fatty acids with coronary calcification and calcium density in Japanese men. European Journal of Clinical Nutrition, 2019, 73, 783-792.	1.3	22
147	A new potentiator of insulin action. FEBS Letters, 1983, 163, 50-53.	1.3	21
148	Alcohol Consumption and Coronary Artery Calcium in Middle-Aged Japanese Men. American Journal of Cardiology, 2006, 98, 141-144.	0.7	21
149	Altered Unfolded Protein Response Is Implicated in the Age-Related Exacerbation of Proteinuria-Induced Proximal Tubular Cell Damage. American Journal of Pathology, 2013, 183, 774-785.	1.9	21
150	LOX-1 ligands containing apolipoprotein B and carotid intima-media thickness in middle-aged community-dwelling US Caucasian andÂJapanese men. Atherosclerosis, 2013, 229, 240-245.	0.4	21
151	A cross-sectional association of obesity with coronary calcium among Japanese, Koreans, Japanese Americans, and US Whites. European Heart Journal Cardiovascular Imaging, 2013, 14, 921-927.	0.5	21
152	Baseline characteristics and interim (3-month) efficacy and safety data from STELLA-LONG TERM, a long-term post-marketing surveillance study of ipragliflozin in Japanese patients with type 2 diabetes in real-world clinical practice. Expert Opinion on Pharmacotherapy, 2016, 17, 1985-1994.	0.9	21
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