

Hiroshi Maegawa

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4603396/hiroshi-maegawa-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

314
papers

9,518
citations

52
h-index

83
g-index

342
ext. papers

10,827
ext. citations

5.1
avg. IF

5.61
L-index

#	Paper	IF	Citations
314	Variants in KCNQ1 are associated with susceptibility to type 2 diabetes mellitus. <i>Nature Genetics</i> , 2008 , 40, 1092-7	36.3	598
313	Peptide and protein library screening defines optimal substrate motifs for AKT/PKB. <i>Journal of Biological Chemistry</i> , 2000 , 275, 36108-15	5.4	316
312	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. <i>Nature Genetics</i> , 2010 , 42, 864-8	36.3	214
311	Oral administration of tetrahydrobiopterin prevents endothelial dysfunction and vascular oxidative stress in the aortas of insulin-resistant rats. <i>Circulation Research</i> , 2000 , 87, 566-73	15.7	203
310	Protein phosphatase 2A negatively regulates insulin metabolic signaling pathway by inhibiting Akt (protein kinase B) activity in 3T3-L1 adipocytes. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8778-89	4.8	182
309	Impaired Podocyte Autophagy Exacerbates Proteinuria in Diabetic Nephropathy. <i>Diabetes</i> , 2016 , 65, 755-67	0.9	174
308	Obesity-mediated autophagy insufficiency exacerbates proteinuria-induced tubulointerstitial lesions. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1769-81	12.7	156
307	Amelioration of high fructose-induced metabolic derangements by activation of PPARalpha. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E1180-90	6	150
306	Effect of an intensified multifactorial intervention on cardiovascular outcomes and mortality in type 2 diabetes (J-DOIT3): an open-label, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 951-964	18.1	141
305	Genome-wide association study identifies three novel loci for type 2 diabetes. <i>Human Molecular Genetics</i> , 2014 , 23, 239-46	5.6	138
304	Combined expression of pancreatic duodenal homeobox 1 and islet factor 1 induces immature enterocytes to produce insulin. <i>Diabetes</i> , 2002 , 51, 1398-408	0.9	132
303	Genome-wide association study identifies a novel locus contributing to type 2 diabetes susceptibility in Sikhs of Punjabi origin from India. <i>Diabetes</i> , 2013 , 62, 1746-55	0.9	129
302	Fenofibrate, a PPARalpha agonist, has renoprotective effects in mice by enhancing renal lipolysis. <i>Kidney International</i> , 2011 , 79, 871-82	9.9	118
301	Replication of genome-wide association studies of type 2 diabetes susceptibility in Japan. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3136-41	5.6	117
300	Less subclinical atherosclerosis in Japanese men in Japan than in White men in the United States in the post-World War II birth cohort. <i>American Journal of Epidemiology</i> , 2007 , 165, 617-24	3.8	115
299	Protein-tyrosine phosphatase-1B negatively regulates insulin signaling in I6 myocytes and Fao hepatoma cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 10207-11	5.4	108
298	MicroRNA-494 regulates mitochondrial biogenesis in skeletal muscle through mitochondrial transcription factor A and Forkhead box j3. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E1419-27	6	101

297	SIRT3 attenuates palmitate-induced ROS production and inflammation in proximal tubular cells. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 1258-67	7.8	101
296	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016 , 7, 10531	17.4	99
295	Enhanced sodium sensitivity and disturbed circadian rhythm of blood pressure in essential hypertension. <i>Journal of Hypertension</i> , 2006 , 24, 1627-32	1.9	98
294	Impaired autophosphorylation of insulin receptors from abdominal skeletal muscles in nonobese subjects with NIDDM. <i>Diabetes</i> , 1991 , 40, 815-9	0.9	91
293	Inactivation of TNF- α ameliorates diabetic neuropathy in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E844-52	6	90
292	Effects of PemaFibrate, a Novel Selective PPAR α Modulator, on Lipid and Glucose Metabolism in Patients With Type 2 Diabetes and Hypertriglyceridemia: A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial. <i>Diabetes Care</i> , 2018 , 41, 538-546	14.6	89
291	A single-nucleotide polymorphism in ANK1 is associated with susceptibility to type 2 diabetes in Japanese populations. <i>Human Molecular Genetics</i> , 2012 , 21, 3042-9	5.6	86
290	Fatty acids are novel nutrient factors to regulate mTORC1 lysosomal localization and apoptosis in podocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1097-108	6.9	82
289	Autophagy regulates inflammation in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 417, 352-7	3.4	80
288	Autophagy as a therapeutic target in diabetic nephropathy. <i>Experimental Diabetes Research</i> , 2012 , 2012, 628978		80
287	Association of TCF7L2 polymorphisms with susceptibility to type 2 diabetes in 4,087 Japanese subjects. <i>Journal of Human Genetics</i> , 2008 , 53, 174-180	4.3	76
286	Thiazolidine derivatives ameliorate high glucose-induced insulin resistance via the normalization of protein-tyrosine phosphatase activities. <i>Journal of Biological Chemistry</i> , 1995 , 270, 7724-30	5.4	75
285	Lysophosphatidylcholine stimulates the expression and production of MCP-1 by human vascular endothelial cells. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 559-64	12.7	75
284	Predictive effects of urinary liver-type fatty acid-binding protein for deteriorating renal function and incidence of cardiovascular disease in type 2 diabetic patients without advanced nephropathy. <i>Diabetes Care</i> , 2013 , 36, 1248-53	14.6	71
283	SGLT2 Inhibition Mediates Protection from Diabetic Kidney Disease by Promoting Ketone Body-Induced mTORC1 Inhibition. <i>Cell Metabolism</i> , 2020 , 32, 404-419.e6	24.6	71
282	Sumoylation of Pdx1 is associated with its nuclear localization and insulin gene activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E830-40	6	70
281	Microbiome potentiates endurance exercise through intestinal acetate production. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E956-E966	6	68
280	Omega-3 polyunsaturated fatty acid has an anti-oxidant effect via the Nrf-2/HO-1 pathway in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 225-30	3.4	67

279	Oleate and eicosapentaenoic acid attenuate palmitate-induced inflammation and apoptosis in renal proximal tubular cell. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 402, 265-71	3.4	67
278	Emerging role of podocyte autophagy in the progression of diabetic nephropathy. <i>Autophagy</i> , 2015 , 11, 2385-6	10.2	66
277	Persistent activation of phosphatidylinositol 3-kinase causes insulin resistance due to accelerated insulin-induced insulin receptor substrate-1 degradation in 3T3-L1 adipocytes. <i>Endocrinology</i> , 2000 , 141, 1930-5	4.8	64
276	Protein-tyrosine phosphatase 1B as new activator for hepatic lipogenesis via sterol regulatory element-binding protein-1 gene expression. <i>Journal of Biological Chemistry</i> , 2003 , 278, 43095-101	5.4	63
275	Genetic variations in the gene encoding TFAP2B are associated with type 2 diabetes mellitus. <i>Journal of Human Genetics</i> , 2005 , 50, 283-292	4.3	63
274	Construction of a prediction model for type 2 diabetes mellitus in the Japanese population based on 11 genes with strong evidence of the association. <i>Journal of Human Genetics</i> , 2009 , 54, 236-41	4.3	62
273	Supernormal insulin: [D-PheB24]-insulin with increased affinity for insulin receptors. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 107, 329-36	3.4	62
272	Insulin activates CCAAT/enhancer binding proteins and proinflammatory gene expression through the phosphatidylinositol 3-kinase pathway in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36631-9	5.4	60
271	4-Hydroxy hexenal derived from docosahexaenoic acid protects endothelial cells via Nrf2 activation. <i>PLoS ONE</i> , 2013 , 8, e69415	3.7	59
270	Low concentration of 4-hydroxy hexenal increases heme oxygenase-1 expression through activation of Nrf2 and antioxidative activity in vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 402, 99-104	3.4	58
269	Reduction of insulin-stimulated glucose uptake by peroxynitrite is concurrent with tyrosine nitration of insulin receptor substrate-1. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 639-47	3.4	58
268	A mutation of COX6A1 causes a recessive axonal or mixed form of Charcot-Marie-Tooth disease. <i>American Journal of Human Genetics</i> , 2014 , 95, 294-300	11	55
267	Association between single nucleotide polymorphisms within genes encoding sirtuin families and diabetic nephropathy in Japanese subjects with type 2 diabetes. <i>Clinical and Experimental Nephrology</i> , 2011 , 15, 381-390	2.5	54
266	Dapagliflozin as monotherapy or combination therapy in Japanese patients with type 2 diabetes: an open-label study. <i>Diabetes Therapy</i> , 2014 , 5, 415-33	3.6	53
265	Expression of a dominant negative SHP-2 in transgenic mice induces insulin resistance. <i>Journal of Biological Chemistry</i> , 1999 , 274, 30236-43	5.4	53
264	Urinary Potassium Excretion and Renal and Cardiovascular Complications in Patients with Type 2 Diabetes and Normal Renal Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 2152-8	6.9	52
263	Association between urinary type IV collagen level and deterioration of renal function in type 2 diabetic patients without overt proteinuria. <i>Diabetes Care</i> , 2010 , 33, 1805-10	14.6	52
262	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). <i>BMJ Open Diabetes Research and Care</i> , 2016 , 4, e000294	4.5	50

261	Anti-aging molecule, Sirt1: a novel therapeutic target for diabetic nephropathy. <i>Archives of Pharmacal Research</i> , 2013 , 36, 230-6	6.1	50
260	Regulation of mitochondrial biogenesis by lipoprotein lipase in muscle of insulin-resistant offspring of parents with type 2 diabetes. <i>Diabetes</i> , 2012 , 61, 877-87	0.9	50
259	The role of autophagy in the pathogenesis of diabetic nephropathy. <i>Journal of Diabetes Research</i> , 2013 , 2013, 193757	3.9	49
258	Single nucleotide polymorphism (-468 Gly to A) at the promoter region of SREBP-1c associates with genetic defect of fructose-induced hepatic lipogenesis [corrected]. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29031-42	5.4	49
257	Association of new loci identified in European genome-wide association studies with susceptibility to type 2 diabetes in the Japanese. <i>PLoS ONE</i> , 2011 , 6, e26911	3.7	48
256	Localization of the insulin-like growth factor I receptor binding sites for the SH2 domain proteins p85, Syp, and GTPase activating protein. <i>Journal of Biological Chemistry</i> , 1995 , 270, 19151-7	5.4	48
255	A high-fiber, low-fat diet improves periodontal disease markers in high-risk subjects: a pilot study. <i>Nutrition Research</i> , 2014 , 34, 491-8	4	46
254	Reduction of microalbuminuria in patients with type 2 diabetes: the Shiga Microalbuminuria Reduction Trial (SMART). <i>Diabetes Care</i> , 2007 , 30, 1581-3	14.6	46
253	Autophagy: emerging therapeutic target for diabetic nephropathy. <i>Seminars in Nephrology</i> , 2014 , 34, 9-16	4.8	44
252	A primary defect in insulin receptor in a young male patient with insulin resistance. <i>Metabolism: Clinical and Experimental</i> , 1986 , 35, 950-5	12.7	44
251	Gene therapy for neuropathic pain by silencing of TNF- α expression with lentiviral vectors targeting the dorsal root ganglion in mice. <i>PLoS ONE</i> , 2014 , 9, e92073	3.7	44
250	Protein phosphatase-2C alpha as a positive regulator of insulin sensitivity through direct activation of phosphatidylinositol 3-kinase in 3T3-L1 adipocytes. <i>Journal of Biological Chemistry</i> , 2004 , 279, 22715-26	5.4	43
249	Role of nutrient-sensing signals in the pathogenesis of diabetic nephropathy. <i>BioMed Research International</i> , 2014 , 2014, 315494	3	42
248	Intronic polymorphisms within TFAP2B regulate transcriptional activity and affect adipocytokine gene expression in differentiated adipocytes. <i>Molecular Endocrinology</i> , 2006 , 20, 1104-11		42
247	Soy phosphatidylcholine inhibited TLR4-mediated MCP-1 expression in vascular cells. <i>Atherosclerosis</i> , 2009 , 205, 404-12	3.1	41
246	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. <i>International Journal of Epidemiology</i> , 2005 , 34, 173-9	7.8	41
245	Mammalian autophagy is essential for hepatic and renal ketogenesis during starvation. <i>Scientific Reports</i> , 2016 , 6, 18944	4.9	41
244	Expression of dominant negative mutant SHPTP2 attenuates phosphatidylinositol 3-kinase activity via modulation of phosphorylation of insulin receptor substrate-1. <i>Journal of Biological Chemistry</i> , 1996 , 271, 12595-602	5.4	40

243	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. <i>Heart</i> , 2014 , 100, 569-73	5.1	39
242	MiR-494-3p regulates mitochondrial biogenesis and thermogenesis through PGC1- β signalling in beige adipocytes. <i>Scientific Reports</i> , 2018 , 8, 15096	4.9	39
241	Fiber-rich diet with brown rice improves endothelial function in type 2 diabetes mellitus: A randomized controlled trial. <i>PLoS ONE</i> , 2017 , 12, e0179869	3.7	38
240	A fish-based diet intervention improves endothelial function in postmenopausal women with type 2 diabetes mellitus: a randomized crossover trial. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 930-40	12.7	38
239	Effects of a fish-based diet on the serum adiponectin concentration in young, non-obese, healthy Japanese subjects. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010 , 17, 628-37	4	38
238	Lipoprotein-associated phospholipase A2 is related to risk of subclinical atherosclerosis but is not supported by Mendelian randomization analysis in a general Japanese population. <i>Atherosclerosis</i> , 2016 , 246, 141-7	3.1	36
237	Replication study for the association of 9 East Asian GWAS-derived loci with susceptibility to type 2 diabetes in a Japanese population. <i>PLoS ONE</i> , 2013 , 8, e76317	3.7	36
236	The transcription factor AP-2beta causes cell enlargement and insulin resistance in 3T3-L1 adipocytes. <i>Endocrinology</i> , 2006 , 147, 1685-96	4.8	36
235	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). <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 755-66	4	35
234	Transcription factor activating enhancer-binding protein-2beta. A negative regulator of adiponectin gene expression. <i>Journal of Biological Chemistry</i> , 2006 , 281, 31245-53	5.4	35
233	Predictive properties of plasma amino acid profile for cardiovascular disease in patients with type 2 diabetes. <i>PLoS ONE</i> , 2014 , 9, e101219	3.7	34
232	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. <i>Journal of Diabetes Science and Technology</i> , 2013 , 7, 678-88	4.1	34
231	Association between urinary angiotensinogen levels and renal and cardiovascular prognoses in patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 318-324	3.9	34
230	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. <i>FEBS Letters</i> , 1994 , 340, 216-20	3.8	34
229	Renoprotective effect of DPP-4 inhibitors against free fatty acid-bound albumin-induced renal proximal tubular cell injury. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 470, 539-545	3.4	32
228	Stiffness and impaired blood flow in lower-leg arteries are associated with severity of coronary artery calcification among asymptomatic type 2 diabetic patients. <i>Diabetes Care</i> , 2004 , 27, 2409-15	14.6	32
227	Definitive diagnosis of mandibular hypoplasia, deafness, progeroid features and lipodystrophy (MDPL) syndrome caused by a recurrent de novo mutation in the POLD1 gene. <i>Endocrine Journal</i> , 2018 , 65, 227-238	2.9	32
226	Metabolic and hemodynamic effects of sodium-dependent glucose cotransporter 2 inhibitors on cardio-renal protection in the treatment of patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 416-427	3.9	31

225	Endothelium-specific activation of NAD(P)H oxidase in aortas of exogenously hyperinsulinemic rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 277, E976-83	6	31
224	Role of angiotensin II-mediated AMPK inactivation on obesity-related salt-sensitive hypertension. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 418, 559-64	3.4	30
223	Visceral and subcutaneous adiposity and adiponectin in middle-aged Japanese men: the ERA JUMP study. <i>Obesity</i> , 2009 , 17, 1269-73	8	30
222	Amla Enhances Mitochondrial Spare Respiratory Capacity by Increasing Mitochondrial Biogenesis and Antioxidant Systems in a Murine Skeletal Muscle Cell Line. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 1735841	6.7	30
221	Assessing the clinical utility of a genetic risk score constructed using 49 susceptibility alleles for type 2 diabetes in a Japanese population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1667-73	5.6	29
220	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. <i>Journal of Biological Chemistry</i> , 2002 , 277, 38863-9	5.4	29
219	Comparison of HOMA-IR, HOMA-% and disposition index between US white men and Japanese men in Japan: the ERA JUMP study. <i>Diabetologia</i> , 2015 , 58, 265-71	10.3	28
218	Insulin signaling and its regulation of system A amino acid uptake in cultured rat vascular smooth muscle cells. <i>Circulation Research</i> , 1996 , 79, 1167-76	15.7	28
217	GW501516, a PPAR δ agonist, ameliorates tubulointerstitial inflammation in proteinuric kidney disease via inhibition of TAK1-NFB pathway in mice. <i>PLoS ONE</i> , 2011 , 6, e25271	3.7	28
216	Efficacy and safety of pemafibrate in people with type 2 diabetes and elevated triglyceride levels: 52-week data from the PROVIDE study. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1737-1744	6.7	27
215	4-Hydroxy hexenal derived from dietary n-3 polyunsaturated fatty acids induces anti-oxidative enzyme heme oxygenase-1 in multiple organs. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 443, 991-6	3.4	27
214	Ezetimibe prevents hepatic steatosis induced by a high-fat but not a high-fructose diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E293-304	6	27
213	Abnormal peripheral circulation in type 2 diabetic patients with normal ankle-brachial index associates with coronary atherosclerosis, large artery stiffness, and peripheral vascular resistance. <i>Diabetes Research and Clinical Practice</i> , 2005 , 70, 253-62	7.4	27
212	Protein-tyrosine phosphatase 1B associates with insulin receptor and negatively regulates insulin signaling without receptor internalization. <i>Journal of Biochemistry</i> , 2004 , 136, 89-96	3.1	27
211	A single nucleotide polymorphism within DUSP9 is associated with susceptibility to type 2 diabetes in a Japanese population. <i>PLoS ONE</i> , 2012 , 7, e46263	3.7	27
210	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. <i>Expert Opinion on Pharmacotherapy</i> , 2018 , 19, 189-201	4	27
209	Population Pharmacokinetics and Therapeutic Efficacy of Febuxostat in Patients with Severe Renal Impairment. <i>Pharmacology</i> , 2015 , 96, 90-8	2.3	26
208	Relationship of Insulin Resistance to Prevalence and Progression of Coronary Artery Calcification Beyond Metabolic Syndrome Components: Shiga Epidemiological Study of Subclinical Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1703-8	9.4	26

207	Serum levels of marine-derived n-3 fatty acids in Icelanders, Japanese, Koreans, and Americans--a descriptive epidemiologic study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012 , 87, 11-6	2.8	26
206	Enhanced Intestinal Motility during Oral Glucose Tolerance Test after Laparoscopic Sleeve Gastrectomy: Preliminary Results Using Cine Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013 , 8, e65739	3.7	26
205	MafA differentiates rat intestinal cells into insulin-producing cells. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 349, 136-43	3.4	26
204	Insulin production in a neuroectodermal tumor that expresses islet factor-1, but not pancreatic-duodenal homeobox 1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1795-800	5.6	26
203	Smoking, Smoking Cessation, and Measures of Subclinical Atherosclerosis in Multiple Vascular Beds in Japanese Men. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	26
202	Lifetime cigarette smoking is associated with abdominal obesity in a community-based sample of Japanese men: The Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). <i>Preventive Medicine Reports</i> , 2016 , 4, 225-32	2.6	26
201	Role of dietary amino acid balance in diet restriction-mediated lifespan extension, renoprotection, and muscle weakness in aged mice. <i>Aging Cell</i> , 2018 , 17, e12796	9.9	26
200	Glycated albumin predicts the risk of mortality in type 2 diabetic patients on hemodialysis: evaluation of a target level for improving survival. <i>Therapeutic Apheresis and Dialysis</i> , 2014 , 18, 434-42	1.9	25
199	Ipragliflozin, a sodium-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. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1012-1021	3.9	25
198	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). <i>BMJ Open Diabetes Research and Care</i> , 2018 , 6, e000521	4.5	24
197	1-Methylnicotinamide ameliorates lipotoxicity-induced oxidative stress and cell death in kidney proximal tubular cells. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 831-41	7.8	24
196	Fructose induces tubulointerstitial injury in the kidney of mice. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 419, 244-9	3.4	24
195	Gene Therapy for Neuropathic Pain through siRNA-IRF5 Gene Delivery with Homing Peptides to Microglia. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 11, 203-215	10.7	23
194	Ketogenic essential amino acids replacement diet ameliorated hepatosteatosis with altering autophagy-associated molecules. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 1605-12	6.9	23
193	Association between serum soluble TNF α receptors and renal dysfunction in type 2 diabetic patients without proteinuria. <i>Diabetes Research and Clinical Practice</i> , 2011 , 92, 174-80	7.4	23
192	Higher levels of adiponectin in American than in Japanese men despite obesity. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 1561-3	12.7	23
191	Hyperglycemia Induces Skin Barrier Dysfunctions with Impairment of Epidermal Integrity in Non-Wounded Skin of Type 1 Diabetic Mice. <i>PLoS ONE</i> , 2016 , 11, e0166215	3.7	23
190	Stearoyl-CoA Desaturase-1 Protects Cells against Lipotoxicity-Mediated Apoptosis in Proximal Tubular Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	23

189	Secular changes in clinical manifestations of kidney disease among Japanese adults with type 2 diabetes from 1996 to 2014. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1032-1040	3.9	23
188	Haematopoietic cells produce BDNF and regulate appetite upon migration to the hypothalamus. <i>Nature Communications</i> , 2013 , 4, 1526	17.4	22
187	RBMX is a novel hepatic transcriptional regulator of SREBP-1c gene response to high-fructose diet. <i>FEBS Letters</i> , 2007 , 581, 218-22	3.8	21
186	Mechanism for differential effect of protein-tyrosine phosphatase 1B on Akt versus mitogen-activated protein kinase in 3T3-L1 adipocytes. <i>Endocrinology</i> , 2002 , 143, 4563-9	4.8	21
185	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. <i>Expert Opinion on Pharmacotherapy</i> , 2016 , 17, 1985-94	4	21
184	A new potentiator of insulin action. Post-receptor activation in vitro. <i>FEBS Letters</i> , 1983 , 163, 50-3	3.8	20
183	Statin use and all-cause and cancer mortality: BioBank Japan cohort. <i>Journal of Epidemiology</i> , 2017 , 27, S84-S91	3.4	19
182	Altered unfolded protein response is implicated in the age-related exacerbation of proteinuria-induced proximal tubular cell damage. <i>American Journal of Pathology</i> , 2013 , 183, 774-85	5.8	19
181	Transcription factor AP-2beta: a negative regulator of IRS-1 gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 392, 526-32	3.4	19
180	Cholesteryl ester transfer protein, coronary calcium, and intima-media thickness of the carotid artery in middle-age Japanese men. <i>American Journal of Cardiology</i> , 2009 , 104, 818-22	3	19
179	Alcohol consumption and coronary artery calcium in middle-aged Japanese men. <i>American Journal of Cardiology</i> , 2006 , 98, 141-4	3	19
178	Receptor binding and biological activity of [SerB24]-insulin, an abnormal mutant insulin. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 119, 49-57	3.4	19
177	Evaluation of the method of insulin binding studies in human erythrocytes. <i>Endocrinologia Japonica</i> , 1980 , 27, 337-42		19
176	Hyperglycemia induces abnormal gene expression in hematopoietic stem cells and their progeny in diabetic neuropathy. <i>FEBS Letters</i> , 2014 , 588, 1080-6	3.8	18
175	Influence of cigarette smoking on coronary artery and aortic calcium among random samples from populations of middle-aged Japanese and Korean men. <i>Journal of Epidemiology and Community Health</i> , 2013 , 67, 119-24	5.1	18
174	SHPTP2 serves adapter protein linking between Janus kinase 2 and insulin receptor substrates. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 228, 122-7	3.4	18
173	MicroRNA148b-3p inhibits mTORC1-dependent apoptosis in diabetes by repressing TNFR2 in proximal tubular cells. <i>Kidney International</i> , 2016 , 90, 1211-1225	9.9	18
172	O-linked N-acetylglucosamine modification of proteins is essential for foot process maturation and survival in podocytes. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 1477-1487	4.3	17

171	Use of MRI signal intensity of extraocular muscles to evaluate methylprednisolone pulse therapy in thyroid-associated ophthalmopathy. <i>Japanese Journal of Ophthalmology</i> , 2015 , 59, 124-30	2.6	17
170	LOX-1 ligands containing apolipoprotein B and carotid intima-media thickness in middle-aged community-dwelling US Caucasian and Japanese men. <i>Atherosclerosis</i> , 2013 , 229, 240-5	3.1	17
169	Autophagy: a novel therapeutic target for kidney diseases. <i>Clinical and Experimental Nephrology</i> , 2012 , 16, 827-32	2.5	17
168	Intima-media thickness of the carotid artery and the distribution of lipoprotein subclasses in men aged 40 to 49 years between whites in the United States and the Japanese in Japan for the ERA JUMP study. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 177-82	12.7	17
167	The influence of a single nucleotide polymorphism within CNDP1 on susceptibility to diabetic nephropathy in Japanese women with type 2 diabetes. <i>PLoS ONE</i> , 2013 , 8, e54064	3.7	17
166	Effect of ipragliflozin on liver function in Japanese type 2 diabetes mellitus patients: a subgroup analysis of the STELLA-LONG TERM study (3-month interim results). <i>Endocrine Journal</i> , 2019 , 66, 31-41	2.9	17
165	Pivotal Role of -GlcNAc Modification in Cold-Induced Thermogenesis by Brown Adipose Tissue Through Mitochondrial Biogenesis. <i>Diabetes</i> , 2017 , 66, 2351-2362	0.9	16
164	Lamp-2 deficiency prevents high-fat diet-induced obese diabetes via enhancing energy expenditure. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 465, 249-55	3.4	16
163	High-density lipoprotein particle concentration and subclinical atherosclerosis of the carotid arteries in Japanese men. <i>Atherosclerosis</i> , 2015 , 239, 444-50	3.1	16
162	A cross-sectional association of obesity with coronary calcium among Japanese, Koreans, Japanese Americans, and U.S. whites. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 921-7	4.1	16
161	Regulation of ATP-sensitive potassium channel subunit Kir6.2 expression in rat intestinal insulin-producing progenitor cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 1893-900	5.4	16
160	Effect of duration of diabetic state on insulin action in isolated rat soleus muscles. <i>Metabolism: Clinical and Experimental</i> , 1986 , 35, 499-504	12.7	16
159	Emerging role of mammalian autophagy in ketogenesis to overcome starvation. <i>Autophagy</i> , 2016 , 12, 709-10	10.2	16
158	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). <i>Diabetes Care</i> , 2020 , 43, 1102-1110	14.6	16
157	Diverse metabolic effects of O-GlcNAcylation in the pancreas but limited effects in insulin-sensitive organs in mice. <i>Diabetologia</i> , 2017 , 60, 1761-1769	10.3	15
156	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
155	Usefulness of a novel system for measuring glucose area under the curve while screening for glucose intolerance in outpatients. <i>Journal of Diabetes Investigation</i> , 2013 , 4, 552-9	3.9	15
154	Circulating levels of 8 cytokines and marine n-3 fatty acids and indices of obesity in Japanese, white, and Japanese American middle-aged men. <i>Journal of Interferon and Cytokine Research</i> , 2010 , 30, 541-8	3.5	15

153	High sodium intake is associated with masked hypertension in Japanese patients with type 2 diabetes and treated hypertension. <i>American Journal of Hypertension</i> , 2012 , 25, 1170-4	2.3	15
152	Diet high in lipid hydroperoxide by vitamin E deficiency induces insulin resistance and impaired insulin secretion in normal rats. <i>Diabetes Research and Clinical Practice</i> , 2005 , 67, 99-109	7.4	15
151	Higher arterial stiffness, greater peripheral vascular resistance and lower blood flow in lower-leg arteries are associated with long-term hyperglycaemia in type 2 diabetic patients with normal ankle-brachial index. <i>Diabetes/Metabolism Research and Reviews</i> , 2009 , 25, 363-9	7.5	14
150	Impaired peripheral circulation in lower-leg arteries caused by higher arterial stiffness and greater vascular resistance associates with nephropathy in type 2 diabetic patients with normal ankle-brachial indices. <i>Diabetes Research and Clinical Practice</i> , 2008 , 80, 416-23	7.4	14
149	Short-term low-dosage pioglitazone treatment improves vascular dysfunction in patients with type 2 diabetes. <i>Endocrine Journal</i> , 2007 , 54, 613-8	2.9	14
148	Prevalence and major risk factors of reduced flow volume in lower extremities with normal ankle-brachial index in Japanese patients with type 2 diabetes. <i>Diabetes Care</i> , 2003 , 26, 1764-9	14.6	14
147	SAFB1, an RBMX-binding protein, is a newly identified regulator of hepatic SREBP-1c gene. <i>BMB Reports</i> , 2009 , 42, 232-7	5.5	14
146	Association of blood levels of marine omega-3 fatty acids with coronary calcification and calcium density in Japanese men. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 783-792	5.2	13
145	Octreotide improves early dumping syndrome potentially through incretins: a case report. <i>Endocrine Journal</i> , 2013 , 60, 847-53	2.9	13
144	Correlation between albuminuria and spontaneous platelet microaggregate formation in type 2 diabetic patients. <i>Diabetes Care</i> , 2009 , 32, 2062-7	14.6	13
143	Identification of subgroups of patients with type 2 diabetes with differences in renal function preservation, comparing patients receiving sodium-glucose co-transporter-2 inhibitors with those receiving dipeptidyl peptidase-4 inhibitors, using a supervised machine-learning algorithm (PROFILE study): A retrospective analysis of a Japanese commercial medical database. <i>Diabetes</i> , 2019 , 68, 1007-1014	6.7	12
142	Lack of O-GlcNAcylation enhances exercise-dependent glucose utilization potentially through AMP-activated protein kinase activation in skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2098-2104	3.4	12
141	Hypothalamic AMP-Activated Protein Kinase Regulates Biphasic Insulin Secretion from Pancreatic β Cells during Fasting and in Type 2 Diabetes. <i>EBioMedicine</i> , 2016 , 13, 168-180	8.8	12
140	Transcription factor activating protein-2beta: a positive regulator of monocyte chemoattractant protein-1 gene expression. <i>Endocrinology</i> , 2009 , 150, 1654-61	4.8	12
139	Presence and functional role of the rapidly activating delayed rectifier K(+) current in left and right atria of adult mice. <i>European Journal of Pharmacology</i> , 2010 , 649, 14-22	5.3	12
138	Insulin-specific activation of S6 kinase and its desensitization in cultured rat vascular smooth muscle cells. <i>Atherosclerosis</i> , 1995 , 113, 19-27	3.1	12
137	Total energy expenditure is comparable between patients with and without diabetes mellitus: Clinical Evaluation of Energy Requirements in Patients with Diabetes Mellitus (CLEVER-DM) Study. <i>BMJ Open Diabetes Research and Care</i> , 2019 , 7, e000648	4.5	12
136	Safety and Effectiveness of Ipragliflozin for Type 2 Diabetes in Japan: 12-Month Interim Results of the STELLA-LONG TERM Post-Marketing Surveillance Study. <i>Advances in Therapy</i> , 2019 , 36, 923-949	4.1	12

135	Monkeys mutant for PKD1 recapitulate human autosomal dominant polycystic kidney disease. <i>Nature Communications</i> , 2019 , 10, 5517	17.4	12
134	A variant within the FTO confers susceptibility to diabetic nephropathy in Japanese patients with type 2 diabetes. <i>PLoS ONE</i> , 2018 , 13, e0208654	3.7	12
133	Twelve-year trends of increasing overweight and obesity in patients with diabetes: the Shiga Diabetes Clinical Survey. <i>Endocrine Journal</i> , 2018 , 65, 527-536	2.9	11
132	Relation of the expression of transcriptional factor TFAP2B to that of adipokines in subcutaneous and omental adipose tissues. <i>Obesity</i> , 2010 , 18, 1277-82	8	11
131	Membrane localization of protein-tyrosine phosphatase 1B is essential for its activation of sterol regulatory element-binding protein-1 gene expression and consequent hypertriglyceridaemia. <i>Journal of Biochemistry</i> , 2009 , 146, 541-7	3.1	11
130	Bidirectional regulation of monocyte chemoattractant protein-1 gene at distinct sites of its promoter by nitric oxide in vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 289, C582-90	5.4	11
129	Concentrations of Water-Soluble Vitamins in Blood and Urinary Excretion in Patients with Diabetes Mellitus. <i>Nutrition and Metabolic Insights</i> , 2016 , 9, 85-92	1.9	11
128	Clinical inertia in basal insulin-treated patients with type 2 diabetes - Results from a retrospective database study in Japan (JDDM 43). <i>PLoS ONE</i> , 2018 , 13, e0198160	3.7	11
127	Replication study for the association of 3 SNP loci identified in a genome-wide association study for diabetic nephropathy in European type 1 diabetes with diabetic nephropathy in Japanese patients with type 2 diabetes. <i>Clinical and Experimental Nephrology</i> , 2013 , 17, 866-71	2.5	10
126	Stem cell factor-activated bone marrow ameliorates amyotrophic lateral sclerosis by promoting protective microglial migration. <i>Journal of Neuroscience Research</i> , 2014 , 92, 856-69	4.4	10
125	Elevated serum levels of interleukin-18 in patients with overt diabetic nephropathy: effects of miglitol. <i>Clinical and Experimental Nephrology</i> , 2011 , 15, 58-63	2.5	10
124	Efficacy and tolerability of vildagliptin in type 2 diabetic patients on hemodialysis. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 298-301	3.9	10
123	Safety and efficacy of ipragliflozin in elderly versus non-elderly Japanese patients with type 2 diabetes mellitus: a subgroup analysis of the STELLA-LONG TERM study. <i>Expert Opinion on Pharmacotherapy</i> , 2018 , 19, 327-336	4	9
122	Associations of serum LDL particle concentration with carotid intima-media thickness and coronary artery calcification. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 1195-1202.e1	4.9	9
121	Effect of sleeve gastrectomy on body weight, food intake, glucose tolerance, and metabolic hormone level in two different rat models: Goto-Kakizaki and diet-induced obese rat. <i>Journal of Surgical Research</i> , 2013 , 185, 159-65	2.5	9
120	N-3 Polyunsaturated Fatty Acids Decrease the Protein Expression of Soluble Epoxide Hydrolase via Oxidative Stress-Induced P38 Kinase in Rat Endothelial Cells. <i>Nutrients</i> , 2017 , 9,	6.7	9
119	Acute Effect of Metformin on Postprandial Hypertriglyceridemia through Delayed Gastric Emptying. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
118	The effects of blood pressure control levels on the renoprotection of type 2 diabetic patients without overt proteinuria. <i>Journal of the American Society of Hypertension</i> , 2012 , 6, 124-31		9

117	Replication study for the association of rs391300 in SRR and rs17584499 in PTPRD with susceptibility to type 2 diabetes in a Japanese population. <i>Journal of Diabetes Investigation</i> , 2013 , 4, 168-173	3.9	9
116	beta-Sitosterolemia with generalized eruptive xanthomatosis. <i>Endocrine Journal</i> , 1997 , 44, 59-64	2.9	9
115	Impact of renin-angiotensin system inhibition on microalbuminuria in type 2 diabetes: a post hoc analysis of the Shiga Microalbuminuria Reduction Trial (SMART). <i>Hypertension Research</i> , 2008 , 31, 1171-6	4.7	9
114	Clinical and laboratory characteristics in the families with diabetes and a mitochondrial tRNA(LEU(UUR)) gene mutation. <i>Diabetes Research and Clinical Practice</i> , 1995 , 29, 75-82	7.4	9
113	Replication Study in a Japanese Population to Evaluate the Association between 10 SNP Loci, Identified in European Genome-Wide Association Studies, and Type 2 Diabetes. <i>PLoS ONE</i> , 2015 , 10, e0126363	3.7	9
112	In vitro effects of glucocorticoid on glucose transport in rat adipocytes: evidence of a post-receptor coupling defect in insulin action. <i>Journal of Biochemistry</i> , 1984 , 96, 1893-902	3.1	9
111	Renal sinus fat volume on computed tomography in middle-aged patients at risk for cardiovascular disease and its association with coronary artery calcification. <i>Atherosclerosis</i> , 2016 , 246, 374-81	3.1	9
110	MicroRNA-494 plays a role in fiber type-specific skeletal myogenesis in human induced pluripotent stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 468, 208-13	3.4	8
109	Factors associated with progression of diabetic nephropathy in Japanese elderly patients with type 2 diabetes: sub-analysis of the Japanese Elderly Diabetes Intervention Trial. <i>Geriatrics and Gerontology International</i> , 2012 , 12 Suppl 1, 127-33	2.9	8
108	Serum glucose, cholesterol and blood pressure levels in Japanese type 1 and 2 diabetic patients: BioBank Japan. <i>Journal of Epidemiology</i> , 2017 , 27, S92-S97	3.4	8
107	Massive pericardial effusion secondary to Hashimoto's disease. <i>European Journal of Internal Medicine</i> , 2007 , 18, 438-40	3.9	8
106	A simple and sensitive method for glutamine:fructose-6-phosphate amidotransferase assay. <i>Journal of Proteomics</i> , 2004 , 59, 201-8		8
105	Insulin-induced c-Jun N-terminal kinase activation is negatively regulated by protein kinase C delta. <i>Endocrinology</i> , 2001 , 142, 2669-76	4.8	8
104	Prolonged disappearance rate of a structurally abnormal mutant insulin from the circulation in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985 , 61, 1142-5	5.6	8
103	Long-term in vitro effects of insulin on insulin binding and glucose transport. <i>Diabetes Research and Clinical Practice</i> , 1986 , 2, 1-8	7.4	8
102	Replication Study in a Japanese Population of Six Susceptibility Loci for Type 2 Diabetes Originally Identified by a Transethnic Meta-Analysis of Genome-Wide Association Studies. <i>PLoS ONE</i> , 2016 , 11, e0154093	3.7	8
101	INSULIN BINDING AND GLUCOSE UPTAKE IN ISOLATED SOLEUS MUSCLES IN SPONTANEOUSLY NON-OBESE DIABETIC MICE. <i>Biomedical Research</i> , 1983 , 4, 533-536	1.5	8
100	Comparative Effects of Direct Renin Inhibitor and Angiotensin Receptor Blocker on Albuminuria in Hypertensive Patients with Type 2 Diabetes. A Randomized Controlled Trial. <i>PLoS ONE</i> , 2016 , 11, e0164936	3.7	8

99	Ethnic difference in liver fat content: a cross-sectional observation among Japanese American in Hawaii, Japanese in Japan, and non-Hispanic whites in United States. <i>Obesity Research and Clinical Practice</i> , 2013 , 7, e198-205	5.4	7
98	Association of myeloperoxidase G-463A gene polymorphism with diabetic nephropathy in Japanese type 2 diabetic subjects. <i>Endocrine Journal</i> , 2013 , 60, 457-471	2.9	7
97	Effects of hyperglycemia on oxidative stress and antioxidant potential in patients with type 2 diabetes. <i>Diabetology International</i> , 2010 , 1, 72-77	2.3	7
96	Laparoscopic sleeve gastrectomy leads to rapid improvement of glucose tolerance and insulin secretion with enhanced glucagon-like peptide (GLP-1) secretion. <i>Diabetology International</i> , 2010 , 1, 99-103	2.3	7
95	Low blood flow estimates in lower-leg arteries predict cardiovascular events in Japanese patients with type 2 diabetes with normal ankle-brachial indexes. <i>Diabetes Care</i> , 2006 , 29, 1884-90	14.6	7
94	Evaluation of a new care system provided to diabetic patients in the outpatient clinic. <i>Internal Medicine</i> , 2000 , 39, 783-7	1.1	7
93	CHANGES IN RECEPTOR BINDING, BIOLOGICAL ACTIVITY AND IMMUNOREACTIVITY OF INSULIN CAUSED BY REPLACING THE RESIDUES B23-B26 WITH ALANINE. <i>Biomedical Research</i> , 1984 , 5, 267-272	1.5	7
92	Effect of nutritional counseling and long term isomaltulose based liquid formula (MHN-01) intake on metabolic syndrome. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015 , 57, 140-4	3.1	7
91	Lipotoxicity, Nutrient-Sensing Signals, and Autophagy in Diabetic Nephropathy. <i>JMA Journal</i> , 2020 , 3, 87-94	1	7
90	Sodium-glucose cotransporter α inhibitors represent a paradigm shift in the prevention of heart failure in type α diabetes patients. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 6-20	3.9	7
89	Real-World Evidence for Long-Term Safety and Effectiveness of Ipragliflozin in Japanese Patients with Type 2 Diabetes Mellitus: final Results of a 3-Year Post-Marketing Surveillance Study (STELLA-LONG TERM). <i>Expert Opinion on Pharmacotherapy</i> , 2021 , 22, 373-387	4	7
88	Impact of obesity on annual medical expenditures and diabetes care in Japanese patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 776-781	3.9	7
87	Protein O-GlcNAcylation Is Essential for the Maintenance of Renal Energy Homeostasis and Function Lipolysis during Fasting and Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 962-978	12.7	6
86	Protective role of podocyte autophagy against glomerular endothelial dysfunction in diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 525, 319-325	3.4	6
85	Trends in medical performance in diabetic patients in primary care clinics compared with those in hospitals: Shiga Diabetes Clinical Survey, Japan, 2000-2012. <i>Diabetology International</i> , 2017 , 8, 59-68	2.3	6
84	Duality of n-3 Polyunsaturated Fatty Acids on Mcp-1 Expression in Vascular Smooth Muscle: A Potential Role of 4-Hydroxy Hexenal. <i>Nutrients</i> , 2015 , 7, 8112-26	6.7	6
83	Oral glucose-stimulated serum C-peptide predicts successful switching from insulin therapy to liraglutide monotherapy in Japanese patients with type α diabetes and renal impairment. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 435-41	3.9	6
82	Postprandial hyperglycemia after a gastrectomy and the prediabetic state: a comparison between a distal and total gastrectomy. <i>Surgery Today</i> , 2008 , 38, 685-90	3	6

81	The ligand binding characteristics of a kinase-defective A/K1018 human insulin receptor expressed in Rat 1 fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1990 , 1053, 185-8	4.9	6
80	Roles of mTOR in Diabetic Kidney Disease. <i>Antioxidants</i> , 2021 , 10,	7.1	6
79	International Comparison of Abdominal Fat Distribution Among Four Populations: The ERA-JUMP Study. <i>Metabolic Syndrome and Related Disorders</i> , 2018 , 16, 166-173	2.6	5
78	Safety and effectiveness of ipragliflozin in elderly versus non-elderly Japanese type 2 diabetes mellitus patients: 12 month interim results of the STELLA-LONG TERM study. <i>Current Medical Research and Opinion</i> , 2019 , 35, 1901-1910	2.5	5
77	Safety and efficacy of skin patches containing loxoprofen sodium in diabetic patients with overt nephropathy. <i>Clinical and Experimental Nephrology</i> , 2014 , 18, 487-91	2.5	5
76	Focal Segmental Glomerular Sclerosis Ameliorated by Long-term Hemodialysis Therapy with Low-density Lipoprotein Apheresis. <i>Internal Medicine</i> , 2015 , 54, 2213-7	1.1	5
75	CCDC3 is specifically upregulated in omental adipose tissue in subjects with abdominal obesity. <i>Obesity</i> , 2014 , 22, 1070-7	8	5
74	Replication study for the association of a single-nucleotide polymorphism, rs3746876, within KCNJ15, with susceptibility to type 2 diabetes in a Japanese population. <i>Journal of Human Genetics</i> , 2013 , 58, 490-3	4.3	5
73	Postprandial activation of protein kinase C β regulates the expression of adipocytokines via the transcription factor AP-2. <i>International Journal of Molecular Medicine</i> , 2011 , 28, 95-100	4.4	5
72	Association between symptoms of bilateral numbness and/or paresthesia in the feet and postural instability in Japanese patients with diabetes. <i>Diabetology International</i> , 2016 , 7, 69-76	2.3	5
71	Role of O-linked N-acetylglucosamine in the homeostasis of metabolic organs, and its potential links with diabetes and its complications. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 130-136	3.9	5
70	Genome-wide association studies identify two novel loci conferring susceptibility to diabetic retinopathy in Japanese patients with type 2 diabetes. <i>Human Molecular Genetics</i> , 2021 , 30, 716-726	5.6	5
69	Efficacy of metformin on postprandial plasma triglyceride concentration by administration timing in patients with type 2 diabetes mellitus: A randomized cross-over pilot study. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1284-1290	3.9	4
68	Diabetes management and treatment approaches outside of North America and West Europe in 2006 and 2015. <i>Acta Diabetologica</i> , 2019 , 56, 889-897	3.9	4
67	Impact of body mass index on the efficacy and safety of ipragliflozin in Japanese patients with type 2 diabetes mellitus: A subgroup analysis of 3-month interim results from the Specified Drug Use Results Survey of Ipragliflozin Treatment in Type 2 Diabetic Patients: Long-term Use study. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1262-1271	3.9	4
66	Validity of the Use of a Triaxial Accelerometer and a Physical Activity Questionnaire for Estimating Total Energy Expenditure and Physical Activity Level among Elderly Patients with Type 2 Diabetes Mellitus: CLEVER-DM Study. <i>Annals of Nutrition and Metabolism</i> , 2020 , 76, 62-72	4.5	4
65	Current status of achieving blood pressure target and its clinical correlates in Japanese type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2017 , 9, 594	3.9	4
64	Change in Pericardial Fat Volume and Cardiovascular Risk Factors in a General Population of Japanese Men. <i>Circulation Journal</i> , 2018 , 82, 2542-2548	2.9	4

63	Predictors for Mild and Severe Hypoglycemia in Insulin-Treated Japanese Diabetic Patients. <i>PLoS ONE</i> , 2015 , 10, e0130584	3.7	4
62	The onset of diabetes in three out of four sisters: a Japanese family with type 1 diabetes. A case report. <i>Endocrine Journal</i> , 2009 , 56, 767-72	2.9	4
61	A Real-World Observational Study Evaluating the Probability of Glycemic Control with Basal Insulin or Glucagon-Like Peptide-1 Receptor Agonist in Japanese Patients with Type 2 Diabetes. <i>Diabetes Therapy</i> , 2020 , 11, 1481-1496	3.6	4
60	A role for bone marrow-derived cells in diabetic nephropathy. <i>FASEB Journal</i> , 2019 , 33, 4067-4076	0.9	4
59	Glucagon-Like Peptide-1 Receptor Agonist Utilization in Type 2 Diabetes in Japan: A Retrospective Database Analysis (JDDM 57). <i>Diabetes Therapy</i> , 2021 , 12, 345-361	3.6	4
58	Clinical inertia in patients with type 2 diabetes treated with oral antidiabetic drugs: Results from a Japanese cohort study (JDDM53). <i>Journal of Diabetes Investigation</i> , 2021 , 12, 374-381	3.9	4
57	Glycemic control and number of natural teeth: analysis of cross-sectional Japanese employment-based dental insurance claims and medical check-up data.. <i>Diabetology International</i> , 2022 , 13, 244-252	2.3	4
56	Preserving β cell function is the major determinant of diabetes remission following laparoscopic sleeve gastrectomy in Japanese obese diabetic patients. <i>Endocrine Journal</i> , 2019 , 66, 817-826	2.9	3
55	Smoking status is associated with mild cognitive impairment assessed with the mini-mental state examination in Japanese diabetic patients. <i>Diabetology International</i> , 2016 , 7, 361-367	2.3	3
54	Improved glucose metabolism by Eragrostis tef potentially through beige adipocyte formation and attenuating adipose tissue inflammation. <i>PLoS ONE</i> , 2018 , 13, e0201661	3.7	3
53	Arterial stiffness and renal impairment in non-proteinuric type 2 diabetic patients. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 86-91	3.9	3
52	The role of sleep disturbance and depression in patients with type 2 diabetes. <i>Diabetology International</i> , 2011 , 2, 79-85	2.3	3
51	Inhibition of down regulation by chloroquine in cultured lymphocytes (RPMI-1788 line). <i>Diabetes Research and Clinical Practice</i> , 1985 , 1, 145-53	7.4	3
50	Effect of acute exercise on insulin binding to erythrocytes in type II diabetes. <i>Endocrinologia Japonica</i> , 1982 , 29, 561-6		3
49	Safety and effectiveness of ipragliflozin in Japanese patients with type 2 diabetes mellitus and impaired renal function: subgroup analysis of a 3-year post-marketing surveillance study (STELLA-LONG TERM). <i>Diabetology International</i> , 2021 , 12, 181-196	2.3	3
48	Cholesterol levels of Japanese dyslipidaemic patients with various comorbidities: BioBank Japan. <i>Journal of Epidemiology</i> , 2017 , 27, S77-S83	3.4	2
47	Epidermis-dermis junction as a novel location for bone marrow-derived cells to reside in response to ionizing radiation. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 695-701	3.4	2
46	Cilostazol attenuates spontaneous microaggregation of platelets in type 2 diabetic patients with insufficient platelet response to aspirin. <i>Diabetes Care</i> , 2013 , 36, e92-3	14.6	2

45	Furosemide-associated nephrocalcinosis and renal cysts. <i>Kidney International</i> , 2011 , 80, 556	9.9	2
44	High glucose condition desensitizes insulin action at the levels of receptor kinase. <i>Endocrine Journal</i> , 1995 , 42, 1-8	2.9	2
43	Transcription Factor Activating Enhancer-binding Protein-2 <i>Journal of Biological Chemistry</i> , 2006 , 281, 31245-31253	5.4	2
42	Liver fat accumulation assessed by computed tomography is an independent risk factor for diabetes mellitus in a population-based study: SESSA (Shiga Epidemiological Study of Subclinical Atherosclerosis). <i>Diabetes Research and Clinical Practice</i> , 2020 , 160, 108002	7.4	2
41	Current status of oral antidiabetic drug prescribing patterns based on the body mass index for Japanese type 2 diabetes mellitus patients and yearly changes in diabetologists' prescribing patterns from 2002 to 2019 (JDDM61). <i>Journal of Diabetes Investigation</i> , 2021 ,	3.9	2
40	Evaluation of a Novel Glucose Area Under the Curve (AUC) Monitoring System: Comparison with the AUC by Continuous Glucose Monitoring. <i>Diabetes and Metabolism Journal</i> , 2016 , 40, 326-33	5	2
39	Data set for renal sinus fat volume and visceral adipose tissue volume on computed tomography. <i>Data in Brief</i> , 2016 , 7, 1658-64	1.2	2
38	Geometry of Sleeve Gastrectomy Measured by 3D CT Versus Weight Loss: Preliminary Analysis. <i>World Journal of Surgery</i> , 2021 , 45, 235-242	3.3	2
37	Machine Learning Approach to Decision Making for Insulin Initiation in Japanese Patients With Type 2 Diabetes (JDDM 58): Model Development and Validation Study. <i>JMIR Medical Informatics</i> , 2021 , 9, e22148	3.6	2
36	Alcohol drinking and brain morphometry in apparently healthy community-dwelling Japanese men. <i>Alcohol</i> , 2021 , 90, 57-65	2.7	2
35	Overexpression of acetyl CoA carboxylase exacerbates podocyte injury in the kidney of streptozotocin-induced diabetic mice. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 1115-1121	3.4	2
34	Cardio- and reno-protective effects of dipeptidyl peptidase III in diabetic mice. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100761	5.4	2
33	Combined Effects of Energy Intake and Physical Activity on Obesity in Japanese Patients with Type 2 Diabetes (JDDM 50): A Cross-Sectional Study. <i>Diabetes Therapy</i> , 2019 , 10, 1133-1138	3.6	1
32	Replication study of the association of rs7578597 in THADA, rs10886471 in GRK5, and rs7403531 in RASGRP1 with susceptibility to type 2 diabetes among a Japanese population. <i>Diabetology International</i> , 2015 , 6, 306-312	2.3	1
31	A case of local delayed-type allergy to zinc-containing insulin as a cause of diabetic ketoacidosis in a patient with type 1 diabetes mellitus undergoing continuous subcutaneous insulin infusion. <i>Diabetology International</i> , 2016 , 7, 447-450	2.3	1
30	Effects of blood pressure and the renin-angiotensin system on platelet activation in type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2010 , 1, 196-201	3.9	1
29	Renal segmental hypoplasia, Ask-Upmark kidney, in a patient with microalbuminuric hypertensive type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2008 , 80, e22-4	7.4	1
28	Evidence of the lack of receptor-mediated insulin degradation in human cultured lymphocytes (RPMI-1788 line). <i>Endocrinologia Japonica</i> , 1983 , 30, 679-87		1

27	Effect of age and sex on insulin binding to human erythrocytes. <i>Endocrinologia Japonica</i> , 1981 , 28, 623-30		1
26	Nutrition and Periodontal Health in the Patients with Diabetes Mellitus: a Review from the Viewpoint of Endothelial Function. <i>Current Oral Health Reports</i> ,1	1.2	1
25	Impact of obesity on underreporting of energy intake in type 2 diabetic patients: Clinical Evaluation of Energy Requirements in Patients with Diabetes Mellitus (CLEVER-DM) study. <i>Clinical Nutrition ESPEN</i> , 2020 , 39, 251-254	1.3	1
24	Real-world evidence for long-term safety and effectiveness of ipragliflozin in treatment-naïve versus non-naïve Japanese patients with type 2 diabetes mellitus: subgroup analysis of a 3-year post-marketing surveillance study (STELLA-LONG TERM). <i>Diabetology International</i> , 2021 , 12, 430-444	2.3	1
23	Malfunctioning CD106-positive, short-term hematopoietic stem cells trigger diabetic neuropathy in mice by cell fusion. <i>Communications Biology</i> , 2021 , 4, 575	6.7	1
22	Association between attentional function and postural instability in Japanese older patients with diabetes mellitus. <i>Diabetology International</i> , 2016 , 7, 83-88	2.3	1
21	Effect of ipragliflozin on liver function in Japanese type 2 diabetes mellitus patients: subgroup analysis of a 3-year post-marketing surveillance study (STELLA-LONG TERM). <i>Endocrine Journal</i> , 2021 , 68, 905-918	2.9	1
20	Targeted deletion of Atg5 in intestinal epithelial cells promotes dextran sodium sulfate-induced colitis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2021 , 68, 156-163	3.1	1
19	Inhibition of mitochondrial fission protects podocytes from albumin-induced cell damage in diabetic kidney disease.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022 , 1868, 166368	6.9	1
18	Advanced Technology for Gene Delivery with Homing Peptides to Spinal Cord through Systemic Circulation in Mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 13, 474-483	6.4	0
17	Contrast medium-induced severe thrombocytopenia in patient on maintenance hemodialysis: a case report and literature review. <i>CEN Case Reports</i> , 2020 , 9, 266-270	1	0
16	Laparoscopic Sleeve Gastrectomy and Dipeptidyl Peptidase-4 Inhibitor which Led to the Improvement of Long-Term Continued Type 2 Diabetes Mellitus. <i>Japanese Journal of Gastroenterological Surgery</i> , 2013 , 46, 334-341	0.1	0
15	Combination of disease duration-to-age at diagnosis and hemoglobin A1c-to-serum C-peptide reactivity ratios predicts patient response to glucose-lowering medication in type 2 diabetes: A retrospective cohort study across Japan (JDDM59). <i>Journal of Diabetes Investigation</i> , 2021 , 12, 1967-1977	3.9	0
14	MicroRNA-494-3p inhibits formation of fast oxidative muscle fibres by targeting E1A-binding protein p300 in human-induced pluripotent stem cells. <i>Scientific Reports</i> , 2021 , 11, 1161	4.9	0
13	Eighteen-year trends in the management of patients with diabetes in the Shiga Diabetes Clinical Survey: overall trends and differences by age group. <i>Diabetology International</i> ,1	2.3	0
12	Metabolic changes induced by dapagliflozin, an SGLT2 inhibitor, in Japanese patients with type 2 diabetes treated by oral anti-diabetic agents: A randomized, clinical trial.. <i>Diabetes Research and Clinical Practice</i> , 2022 , 186, 109781	7.4	0
11	Glycaemia and body weight are regulated by sodium-glucose cotransporter 1 (SGLT1) expression via O-GlcNAcylation in the intestine.. <i>Molecular Metabolism</i> , 2022 , 101458	8.8	0
10	Multiple osteoporotic fractures in a patient with CKD stage G3b. <i>Kidney International</i> , 2015 , 87, 1077	9.9	

- 9 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*, **2019**, 26, 746 4
- 8 Co-expression of mutant and normal human insulin receptors in COS 7 cells. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1993**, 1216, 425-30
- 7 Receptor-mediated degradation by rat adipocytes: comparison of A-14 with A-19 125I-labelled insulin. *Endocrinologia Japonica*, **1984**, 31, 321-6
- 6 In vivo and in vitro effect of p-chlorophenoxyisobutyrate on insulin binding and glucose transport in isolated rat adipocytes. *Endocrinologia Japonica*, **1985**, 32, 829-36
- 5 MicroRNA-494 plays a role in fiber type-specific skeletal myogenesis by targeting transcriptional coactivator p300 in human induced pluripotent stem cells. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, OR19-3 0
- 4 A case of bacterial peritonitis complicated by eosinophilic peritonitis in the peritoneal dialysis induction period. *Nihon Toseki Igakkai Zasshi*, **2018**, 51, 463-467 0.3
- 3 Safety and Effectiveness of Ipragliflozin in Elderly Versus Non-elderly Japanese Patients with Type2 Diabetes: Subgroup Analysis of STELLA-LONGTERM. *Diabetes Therapy*, **2021**, 12, 1359-1378 3.6
- 2 Patient characteristics associated with improvement in glycemic control following addition of an oral antidiabetic drug to DPP-4 inhibitor monotherapy in Japanese patients with type 2 diabetes mellitus (JDDM 60).. *Diabetology International*, **2022**, 13, 132-141 2.3
- 1 Differential Association of Serum n-3 Polyunsaturated Fatty Acids with Various Cerebrovascular Lesions in Japanese Men.. *Cerebrovascular Diseases*, **2022**, 1-7 3.2