

Takashi Kadowaki

List of Publications by Citations

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278
papers

27,598
citations

61
h-index

165
g-index

309
ext. papers

31,075
ext. citations

9.3
avg, IF

6.52
L-index

#	Paper	IF	Citations
278	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , 2003 , 423, 762-9	50.4	2453
277	Adiponectin and adiponectin receptors in insulin resistance, diabetes, and the metabolic syndrome. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1784-92	15.9	1967
276	Adiponectin and adiponectin receptors. <i>Endocrine Reviews</i> , 2005 , 26, 439-51	27.2	1962
275	Diabetes in Asia: epidemiology, risk factors, and pathophysiology. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 2129-40	27.4	1394
274	PPAR gamma mediates high-fat diet-induced adipocyte hypertrophy and insulin resistance. <i>Molecular Cell</i> , 1999 , 4, 597-609	17.6	1136
273	Targeted disruption of AdipoR1 and AdipoR2 causes abrogation of adiponectin binding and metabolic actions. <i>Nature Medicine</i> , 2007 , 13, 332-9	50.5	1007
272	Disruption of adiponectin causes insulin resistance and neointimal formation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 25863-6	5.4	967
271	Report of the committee on the classification and diagnostic criteria of diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2010 , 1, 212-28	3.9	953
270	Insulin resistance and growth retardation in mice lacking insulin receptor substrate-1. <i>Nature</i> , 1994 , 372, 182-6	50.4	914
269	Impaired multimerization of human adiponectin mutants associated with diabetes. Molecular structure and multimer formation of adiponectin. <i>Journal of Biological Chemistry</i> , 2003 , 278, 40352-63	5.4	751
268	Adiponectin and AdipoR1 regulate PGC-1alpha and mitochondria by Ca(2+) and AMPK/SIRT1. <i>Nature</i> , 2010 , 464, 1313-9	50.4	690
267	Globular adiponectin protected ob/ob mice from diabetes and ApoE-deficient mice from atherosclerosis. <i>Journal of Biological Chemistry</i> , 2003 , 278, 2461-8	5.4	676
266	Overexpression of monocyte chemoattractant protein-1 in adipose tissues causes macrophage recruitment and insulin resistance. <i>Journal of Biological Chemistry</i> , 2006 , 281, 26602-14	5.4	638
265	PPAR δ insufficiency enhances osteogenesis through osteoblast formation from bone marrow progenitors. <i>Journal of Clinical Investigation</i> , 2004 , 113, 846-855	15.9	638
264	SNPs in KCNQ1 are associated with susceptibility to type 2 diabetes in East Asian and European populations. <i>Nature Genetics</i> , 2008 , 40, 1098-102	36.3	555
263	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. <i>Nature Genetics</i> , 2011 , 44, 67-72	36.3	475
262	A small-molecule AdipoR agonist for type 2 diabetes and short life in obesity. <i>Nature</i> , 2013 , 503, 493-9	50.4	430

261	PPARgamma insufficiency enhances osteogenesis through osteoblast formation from bone marrow progenitors. <i>Journal of Clinical Investigation</i> , 2004 , 113, 846-55	15.9	365
260	Increased insulin sensitivity and hypoglycaemia in mice lacking the p85 alpha subunit of phosphoinositide 3-kinase. <i>Nature Genetics</i> , 1999 , 21, 230-5	36.3	348
259	Impaired insulin signaling in endothelial cells reduces insulin-induced glucose uptake by skeletal muscle. <i>Cell Metabolism</i> , 2011 , 13, 294-307	24.6	298
258	Potential role of protein kinase B in insulin-induced glucose transport, glycogen synthesis, and protein synthesis. <i>Journal of Biological Chemistry</i> , 1998 , 273, 5315-22	5.4	295
257	Tyrosine phosphorylation of the EGF receptor by the kinase Jak2 is induced by growth hormone. <i>Nature</i> , 1997 , 390, 91-6	50.4	252
256	Report of the Committee on the classification and diagnostic criteria of diabetes mellitus. <i>Diabetology International</i> , 2010 , 1, 2-20	2.3	243
255	Pioglitazone ameliorates insulin resistance and diabetes by both adiponectin-dependent and -independent pathways. <i>Journal of Biological Chemistry</i> , 2006 , 281, 8748-55	5.4	242
254	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
253	Angiotensin II partly mediates mechanical stress-induced cardiac hypertrophy. <i>Circulation Research</i> , 1995 , 77, 258-65	15.7	204
252	Adiponectin receptors: a review of their structure, function and how they work. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2014 , 28, 15-23	6.5	199
251	Adiponectin enhances insulin sensitivity by increasing hepatic IRS-2 expression via a macrophage-derived IL-6-dependent pathway. <i>Cell Metabolism</i> , 2011 , 13, 401-412	24.6	197
250	The physiological and pathophysiological role of adiponectin and adiponectin receptors in the peripheral tissues and CNS. <i>FEBS Letters</i> , 2008 , 582, 74-80	3.8	191
249	Insulin receptor substrate 2 plays a crucial role in beta cells and the hypothalamus. <i>Journal of Clinical Investigation</i> , 2004 , 114, 917-27	15.9	187
248	Oral semaglutide versus subcutaneous liraglutide and placebo in type 2 diabetes (PIONEER 4): a randomised, double-blind, phase 3a trial. <i>Lancet, The</i> , 2019 , 394, 39-50	40	186
247	Dynamic functional relay between insulin receptor substrate 1 and 2 in hepatic insulin signaling during fasting and feeding. <i>Cell Metabolism</i> , 2008 , 8, 49-64	24.6	172
246	Rho family small G proteins play critical roles in mechanical stress-induced hypertrophic responses in cardiac myocytes. <i>Circulation Research</i> , 1999 , 84, 458-66	15.7	168
245	IL-1 β induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. <i>Journal of Cell Biology</i> , 2015 , 209, 453-66	7.3	158
244	Involvement of p85 in p53-dependent apoptotic response to oxidative stress. <i>Nature</i> , 1998 , 391, 707-10	50.4	151

243	Adipose Natural Regulatory B Cells Negatively Control Adipose Tissue Inflammation. <i>Cell Metabolism</i> , 2013 , 18, 759-766	24.6	145
242	Molecular mechanism of insulin resistance and obesity. <i>Experimental Biology and Medicine</i> , 2003 , 228, 1111-7	3.7	145
241	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
240	Cell type-specific angiotensin II-evoked signal transduction pathways: critical roles of Gbetagamma subunit, Src Family, and Ras in cardiac fibroblasts. <i>Circulation Research</i> , 1998 , 82, 337-45	15.7	139
239	Genome-wide association study identifies three novel loci for type 2 diabetes. <i>Human Molecular Genetics</i> , 2014 , 23, 239-46	5.6	138
238	Adiponectin suppresses hepatic SREBP1c expression in an AdipoR1/LKB1/AMPK dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 51-6	3.4	138
237	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017 , 49, 1450-1457	36.3	136
236	Crystal structures of the human adiponectin receptors. <i>Nature</i> , 2015 , 520, 312-316	50.4	130
235	DialBetics: A Novel Smartphone-based Self-management Support System for Type 2 Diabetes Patients. <i>Journal of Diabetes Science and Technology</i> , 2014 , 8, 209-215	4.1	121
234	Usefulness of measuring both body mass index and waist circumference for the estimation of visceral adiposity and related cardiometabolic risk profile (from the INSPIRE ME IAA study). <i>American Journal of Cardiology</i> , 2015 , 115, 307-15	3	106
233	Glycemic control, mortality, and hypoglycemia in critically ill patients: a systematic review and network meta-analysis of randomized controlled trials. <i>Intensive Care Medicine</i> , 2017 , 43, 1-15	14.5	101
232	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
231	SREBP-1-independent regulation of lipogenic gene expression in adipocytes. <i>Journal of Lipid Research</i> , 2007 , 48, 1581-91	6.3	90
230	Tofogliflozin Improves Insulin Resistance in Skeletal Muscle and Accelerates Lipolysis in Adipose Tissue in Male Mice. <i>Endocrinology</i> , 2016 , 157, 1029-42	4.8	90
229	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020 , 582, 240-245	50.4	89
228	Global mapping of cell type-specific open chromatin by FAIRE-seq reveals the regulatory role of the NFI family in adipocyte differentiation. <i>PLoS Genetics</i> , 2011 , 7, e1002311	6	89
227	Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. <i>Nature Genetics</i> , 2020 , 52, 669-679	36.3	85
226	Imbalanced Insulin Actions in Obesity and Type 2 Diabetes: Key Mouse Models of Insulin Signaling Pathway. <i>Cell Metabolism</i> , 2017 , 25, 797-810	24.6	84

225	Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. <i>Nature Genetics</i> , 2019 , 51, 379-386	36.3	83
224	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
223	Daytime Napping and the Risk of Cardiovascular Disease and All-Cause Mortality: A Prospective Study and Dose-Response Meta-Analysis. <i>Sleep</i> , 2015 , 38, 1945-53	1.1	74
222	A mutation in the tyrosine kinase domain of the insulin receptor associated with insulin resistance in an obese woman. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991 , 73, 894-901	5.6	74
221	Vascular endothelial growth factor induces activation and subcellular translocation of focal adhesion kinase (p125FAK) in cultured rat cardiac myocytes. <i>Circulation Research</i> , 1999 , 84, 1194-202	15.7	73
220	Serum levels of vascular endothelial growth factor in patients with acute myocardial infarction undergoing reperfusion therapy. <i>Clinical Science</i> , 1997 , 92, 453-4	6.5	67
219	The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4.8	65
218	NAD supplementation rejuvenates aged gut adult stem cells. <i>Aging Cell</i> , 2019 , 18, e12935	9.9	61
217	Empagliflozin monotherapy in Japanese patients with type 2 diabetes mellitus: a randomized, 12-week, double-blind, placebo-controlled, phase II trial. <i>Advances in Therapy</i> , 2014 , 31, 621-38	4.1	59
216	Signal transduction mechanism of insulin and insulin-like growth factor-1. <i>Endocrine Journal</i> , 1996 , 43 Suppl, S33-41	2.9	59
215	ENPP2 contributes to adipose tissue expansion and insulin resistance in diet-induced obesity. <i>Diabetes</i> , 2014 , 63, 4154-64	0.9	57
214	Citrin/mitochondrial glycerol-3-phosphate dehydrogenase double knock-out mice recapitulate features of human citrin deficiency. <i>Journal of Biological Chemistry</i> , 2007 , 282, 25041-52	5.4	57
213	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. <i>Cell Reports</i> , 2016 , 16, 2373-86	10.6	56
212	Differential hepatic distribution of insulin receptor substrates causes selective insulin resistance in diabetes and obesity. <i>Nature Communications</i> , 2016 , 7, 12977	17.4	51
211	Sodium-glucose co-transporter-2 inhibitors as add-on therapy to insulin for type 1 diabetes mellitus: Systematic review and meta-analysis of randomized controlled trials. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1755-1761	6.7	49
210	Roles of insulin receptor substrates in insulin-induced stimulation of renal proximal bicarbonate absorption. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 2288-95	12.7	49
209	Adiponectin receptor signaling: a new layer to the current model. <i>Cell Metabolism</i> , 2011 , 13, 123-4	24.6	48
208	Exenatide exhibits dose-dependent effects on glycemic control over 12 weeks in Japanese patients with suboptimally controlled type 2 diabetes. <i>Endocrine Journal</i> , 2009 , 56, 415-24	2.9	48

207	Combating diabetes and obesity in Japan. <i>Nature Medicine</i> , 2006 , 12, 73-4	50.5	48
206	The role of PPARgamma in high-fat diet-induced obesity and insulin resistance. <i>Journal of Diabetes and Its Complications</i> , 2002 , 16, 41-5	3.2	47
205	Growth hormone-induced tyrosine phosphorylation of EGF receptor as an essential element leading to MAP kinase activation and gene expression. <i>Endocrine Journal</i> , 1998 , 45 Suppl, S27-31	2.9	47
204	Differential effects of diet- and genetically-induced brain insulin resistance on amyloid pathology in a mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2019 , 14, 15	19	46
203	Sirtuin1 Maintains Actin Cytoskeleton by Deacetylation of Cortactin in Injured Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1939-59	12.7	46
202	Dual Regulation of Gluconeogenesis by Insulin and Glucose in the Proximal Tubules of the Kidney. <i>Diabetes</i> , 2017 , 66, 2339-2350	0.9	44
201	NFIA co-localizes with PPAR α and transcriptionally controls the brown fat gene program. <i>Nature Cell Biology</i> , 2017 , 19, 1081-1092	23.4	44
200	Restored insulin-sensitivity in IRS-1-deficient mice treated by adenovirus-mediated gene therapy. <i>Journal of Clinical Investigation</i> , 2000 , 105, 1437-45	15.9	44
199	Perspective of Small-Molecule AdipoR Agonist for Type 2 Diabetes and Short Life in Obesity. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 363-72	5	43
198	Genome-wide association meta-analysis identifies novel variants associated with fasting plasma glucose in East Asians. <i>Diabetes</i> , 2015 , 64, 291-8	0.9	43
197	Improved glycemic control and reduced bodyweight with exenatide: A double-blind, randomized, phase 3 study in Japanese patients with suboptimally controlled type 2 diabetes over 24 weeks. <i>Journal of Diabetes Investigation</i> , 2011 , 2, 210-7	3.9	43
196	Genetic architecture of type 2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 213-20	3.4	42
195	L-cysteine reversibly inhibits glucose-induced biphasic insulin secretion and ATP production by inactivating PKM2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1067-76	11.5	41
194	A novel low-density lipoprotein receptor-related protein mediating cellular uptake of apolipoprotein E-enriched beta-VLDL in vitro. <i>Biochemistry</i> , 2000 , 39, 15817-25	3.2	41
193	Efficacy and safety of canagliflozin as add-on therapy to teneligliptin in Japanese patients with type 2 diabetes mellitus: Results of a 24-week, randomized, double-blind, placebo-controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 874-882	6.7	40
192	Adiponectin/adiponectin receptor in disease and aging. <i>Npj Aging and Mechanisms of Disease</i> , 2015 , 1, 15013	5.5	40
191	A cross-population atlas of genetic associations for 220 human phenotypes. <i>Nature Genetics</i> , 2021 , 53, 1415-1424	36.3	40
190	A genome-wide association study identifies PLCL2 and AP3D1-DOT1L-SF3A2 as new susceptibility loci for myocardial infarction in Japanese. <i>European Journal of Human Genetics</i> , 2015 , 23, 374-80	5.3	39

189	Vascular endothelial growth factor (VEGF) activates Raf-1, mitogen-activated protein (MAP) kinases, and S6 kinase (p90rsk) in cultured rat cardiac myocytes. <i>Journal of Cellular Physiology</i> , 1998 , 7, 175, 239-46	7	39
188	Heart failure and chronic kidney disease manifestation and mortality risk associations in type 2 diabetes: A large multinational cohort study. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1607-1618	6.7	38
187	Blockade of class IB phosphoinositide-3 kinase ameliorates obesity-induced inflammation and insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 5753-8	11.5	36
186	Obesity in insulin receptor substrate-2-deficient mice: disrupted control of arcuate nucleus neuropeptides. <i>Obesity</i> , 2004 , 12, 878-85		36
185	Empagliflozin and kidney outcomes in Asian patients with type 2 diabetes and established cardiovascular disease: Results from the EMPA-REG OUTCOME trial. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 760-770	3.9	36
184	Efficacy and safety of empagliflozin monotherapy for 52 weeks in Japanese patients with type 2 diabetes: a randomized, double-blind, parallel-group study. <i>Advances in Therapy</i> , 2015 , 32, 306-18	4.1	35
183	The mechanism of insulin-induced signal transduction mediated by the insulin receptor substrate family. <i>Endocrine Journal</i> , 1999 , 46, S25-34	2.9	35
182	Addition of sitagliptin to ongoing glimepiride therapy in Japanese patients with type 2 diabetes over 52 weeks leads to improved glycemic control. <i>Diabetology International</i> , 2011 , 2, 32-44	2.3	34
181	New glycemic targets for patients with diabetes from the Japan Diabetes Society. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 123-125	3.9	33
180	Adiponectin and its receptors: implications for obesity-associated diseases and longevity. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 8-9	18.1	33
179	DialBetics With a Multimedia Food Recording Tool, FoodLog: Smartphone-Based Self-Management for Type 2 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2015 , 9, 534-40	4.1	31
178	Fast-acting insulin aspart versus insulin aspart in the setting of insulin degludec-treated type 1 diabetes: Efficacy and safety from a randomized double-blind trial. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2885-2893	6.7	31
177	Germ-line contribution of embryonic stem cells in chimeric mice: influence of karyotype and in vitro differentiation ability. <i>Experimental Animals</i> , 1997 , 46, 17-23	1.8	30
176	Adiponectin Enhances Antibacterial Activity of Hematopoietic Cells by Suppressing Bone Marrow Inflammation. <i>Immunity</i> , 2016 , 44, 1422-33	32.3	29
175	Validity and applicability of a simple questionnaire for the estimation of total and domain-specific physical activity. <i>Diabetology International</i> , 2011 , 2, 47-54	2.3	29
174	Safety and efficacy of teneligliptin in Japanese patients with type 2 diabetes mellitus: a pooled analysis of two Phase III clinical studies. <i>Expert Opinion on Pharmacotherapy</i> , 2015 , 16, 971-81	4	28
173	Insulin receptor substrate-2 (Irs2) in endothelial cells plays a crucial role in insulin secretion. <i>Diabetes</i> , 2015 , 64, 876-86	0.9	28
172	A qualitative study on the impact of internalized stigma on type 2 diabetes self-management. <i>Patient Education and Counseling</i> , 2016 , 99, 1233-1239	3.1	28

171	Hepatic Sdf2l1 controls feeding-induced ER stress and regulates metabolism. <i>Nature Communications</i> , 2019 , 10, 947	17.4	28
170	SnapShot: Insulin signaling pathways. <i>Cell</i> , 2012 , 148, 624, 624.e1	56.2	27
169	Metabolomic analysis reveals hepatic metabolite perturbations in citrin/mitochondrial glycerol-3-phosphate dehydrogenase double-knockout mice, a model of human citrin deficiency. <i>Molecular Genetics and Metabolism</i> , 2011 , 104, 492-500	3.7	27
168	Downregulation of macrophage Irs2 by hyperinsulinemia impairs IL-4-induced M2a-subtype macrophage activation in obesity. <i>Nature Communications</i> , 2018 , 9, 4863	17.4	27
167	A case of diabetic amyotrophy associated with 3243 mitochondrial tRNA(Leu; UUR) mutation and successful therapy with coenzyme Q10. <i>Endocrine Journal</i> , 1995 , 42, 141-5	2.9	26
166	J-curve relation between daytime nap duration and type 2 diabetes or metabolic syndrome: A dose-response meta-analysis. <i>Scientific Reports</i> , 2016 , 6, 38075	4.9	26
165	High hemoglobin A1c levels within the non-diabetic range are associated with the risk of all cancers. <i>International Journal of Cancer</i> , 2016 , 138, 1741-53	7.5	25
164	Adiponectin Enhances Quiescence Exit of Murine Hematopoietic Stem Cells and Hematopoietic Recovery Through mTORC1 Potentiation. <i>Stem Cells</i> , 2017 , 35, 1835-1848	5.8	23
163	Role of insulin receptor substrates in the progression of hepatocellular carcinoma. <i>Scientific Reports</i> , 2017 , 7, 5387	4.9	23
162	Four mutant alleles of the insulin receptor gene associated with genetic syndromes of extreme insulin resistance. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 237, 516-20	3.4	23
161	Efficacy and safety of sitagliptin add-on therapy in Japanese patients with type 2 diabetes on insulin monotherapy. <i>Diabetology International</i> , 2013 , 4, 160-172	2.3	22
160	Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. <i>Scientific Reports</i> , 2017 , 7, 6516	4.9	22
159	Efficacy and safety of teneligliptin added to canagliflozin monotherapy in Japanese patients with type 2 diabetes mellitus: A multicentre, randomized, double-blind, placebo-controlled, parallel-group comparative study. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 453-457	6.7	22
158	Association between self-stigma and self-care behaviors in patients with type 2 diabetes: a cross-sectional study. <i>BMJ Open Diabetes Research and Care</i> , 2016 , 4, e000156	4.5	21
157	Genetic variants in the calpain-10 gene and the development of type 2 diabetes in the Japanese population. <i>Journal of Human Genetics</i> , 2005 , 50, 92-98	4.3	21
156	Testing the Feasibility and Usability of a Novel Smartphone-Based Self-Management Support System for Dialysis Patients: A Pilot Study. <i>JMIR Research Protocols</i> , 2017 , 6, e63	2	21
155	Long-term safety and efficacy of canagliflozin as add-on therapy to teneligliptin in Japanese patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 77-84	6.7	20
154	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. <i>Human Molecular Genetics</i> , 2016 , 25, 2070-2081	5.6	20

153	Psychological and behavioural patterns of stigma among patients with type 2 diabetes: a cross-sectional study. <i>BMJ Open</i> , 2017 , 7, e013425	3	19
152	Efficacy and safety of teneligliptin add-on to insulin monotherapy in Japanese patients with type 2 diabetes mellitus: a 16-week, randomized, double-blind, placebo-controlled trial with an open-label period. <i>Expert Opinion on Pharmacotherapy</i> , 2017 , 18, 1291-1300	4	19
151	Adiponectin/AdipoR Research and Its Implications for Lifestyle-Related Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 116	5.4	19
150	Design of and rationale for the Japan Diabetes Optimal Integrated Treatment study for 3 major risk factors of cardiovascular diseases (J-DOIT3): a multicenter, open-label, randomized, parallel-group trial. <i>BMJ Open Diabetes Research and Care</i> , 2016 , 4, e000123	4.5	19
149	Design of and rationale for the Japan Diabetes compREhensive database project based on an Advanced electronic Medical record System (J-DREAMS). <i>Diabetology International</i> , 2017 , 8, 375-382	2.3	19
148	Subcellular localization of insulin receptor substrate family proteins associated with phosphatidylinositol 3-kinase activity and alterations in lipolysis in primary mouse adipocytes from IRS-1 null mice. <i>Diabetes</i> , 2001 , 50, 1455-63	0.9	18
147	Robust and highly efficient hiPSC generation from patient non-mobilized peripheral blood-derived CD34 cells using the auto-erasable Sendai virus vector. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 185	8.3	17
146	Effects of supplementation on food intake, body weight and hepatic metabolites in the citrin/mitochondrial glycerol-3-phosphate dehydrogenase double-knockout mouse model of human citrin deficiency. <i>Molecular Genetics and Metabolism</i> , 2012 , 107, 322-9	3.7	17
145	Factors Associated With Callus in Patients with Diabetes, Focused on Plantar Shear Stress During Gait. <i>Journal of Diabetes Science and Technology</i> , 2016 , 10, 1353-1359	4.1	17
144	Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 40-45	3.4	16
143	Hepatic IRS1 and Eatenin expression is associated with histological progression and overt diabetes emergence in NAFLD patients. <i>Journal of Gastroenterology</i> , 2018 , 53, 1261-1275	6.9	16
142	DialBetics: smartphone-based self-management for type 2 diabetes patients. <i>Journal of Diabetes Science and Technology</i> , 2012 , 6, 983-5	4.1	16
141	Potential formula for the calculation of starting and incremental insulin glargine doses: ALOHA subanalysis. <i>PLoS ONE</i> , 2012 , 7, e41358	3.7	16
140	Usage Patterns of GlucoNote, a Self-Management Smartphone App, Based on ResearchKit for Patients With Type 2 Diabetes and Prediabetes. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e13204	5.5	16
139	Role of Insulin Resistance in MAFLD. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	16
138	Biosimilar vs originator insulins: Systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1787-1792	6.7	15
137	Antibody-mediated insulin resistance treated by cessation of insulin administration. <i>Internal Medicine</i> , 2000 , 39, 143-5	1.1	15
136	Hepatic FATP5 expression is associated with histological progression and loss of hepatic fat in NAFLD patients. <i>Journal of Gastroenterology</i> , 2020 , 55, 227-243	6.9	15

135	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. <i>Nature Communications</i> , 2020 , 11, 3175	17.4	14
134	Anagliptin increases insulin-induced skeletal muscle glucose uptake via an NO-dependent mechanism in mice. <i>Diabetologia</i> , 2016 , 59, 2426-2434	10.3	14
133	Structural Basis and Genotype-Phenotype Correlations of INSR Mutations Causing Severe Insulin Resistance. <i>Diabetes</i> , 2017 , 66, 2713-2723	0.9	14
132	A global atlas of genetic associations of 220 deep phenotypes		14
131	Multifactorial intervention has a significant effect on diabetic kidney disease in patients with type 2 diabetes. <i>Kidney International</i> , 2021 , 99, 256-266	9.9	14
130	Baseline predictive factors for glycemic control in Japanese type 2 diabetes patients treated with insulin glargine plus oral antidiabetic drugs: ALOHA study subanalysis. <i>Diabetologia</i> , 2013 , 4, 16-22	2.3	13
129	Persistence of oral antidiabetic treatment for type 2 diabetes characterized by drug class, patient characteristics and severity of renal impairment: A Japanese database analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2830-2839	6.7	13
128	Genes associated with diabetes: potential for novel therapeutic targets?. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 255-67	6.4	12
127	Insulin- and Lipopolysaccharide-Mediated Signaling in Adipose Tissue Macrophages Regulates Postprandial Glycemia through Akt-mTOR Activation. <i>Molecular Cell</i> , 2020 , 79, 43-53.e4	17.6	12
126	Cardiovascular and kidney outcomes of linagliptin treatment in older people with type 2 diabetes and established cardiovascular disease and/or kidney disease: A prespecified subgroup analysis of the randomized, placebo-controlled CARMELINA trial. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1062-1073	6.7	12
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