Takashi Kadowaki

List of Publications by Year
in descending order

286 papers	35,093 citations	13087 68 h-index	3576 181 g-index
309 all docs	309 docs citations	309 times ranked	34996 citing authors

#	Article	IF	Citations
1	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. Nature, 2003, 423, 762-769.	13.7	2,804
2	Adiponectin and adiponectin receptors in insulin resistance, diabetes, and the metabolic syndrome. Journal of Clinical Investigation, 2006, 116, 1784-1792.	3.9	2,339
3	Adiponectin and Adiponectin Receptors. Endocrine Reviews, 2005, 26, 439-451.	8.9	2,215
4	Diabetes in Asia. JAMA - Journal of the American Medical Association, 2009, 301, 2129.	3.8	1,674
5	PPARÎ³ Mediates High-Fat Dietâ€"Induced Adipocyte Hypertrophy and Insulin Resistance. Molecular Cell, 1999, 4, 597-609.	4.5	1,281
6	Report of the Committee on the Classification and Diagnostic Criteria of Diabetes Mellitus. Journal of Diabetes Investigation, 2010, 1, 212-228.	1.1	1,206
7	Targeted disruption of AdipoR1 and AdipoR2 causes abrogation of adiponectin binding and metabolic actions. Nature Medicine, 2007, 13, 332-339.	15.2	1,177
8	Disruption of Adiponectin Causes Insulin Resistance and Neointimal Formation. Journal of Biological Chemistry, 2002, 277, 25863-25866.	1.6	1,149
9	Insulin resistance and growth retardation in mice lacking insulin receptor substrate-1. Nature, 1994, 372, 182-186.	13.7	988
10	Impaired Multimerization of Human Adiponectin Mutants Associated with Diabetes. Journal of Biological Chemistry, 2003, 278, 40352-40363.	1.6	871
11	Adiponectin and AdipoR1 regulate PGC-1Î± and mitochondria by Ca2+ and AMPK/SIRT1. Nature, 2010, 464, 1313-1319.	13.7	859
12	Globular Adiponectin Protected ob/ob Mice from Diabetes and ApoE-deficient Mice from Atherosclerosis. Journal of Biological Chemistry, 2003, 278, 2461-2468.	1.6	783
13	Overexpression of Monocyte Chemoattractant Protein-1 in Adipose Tissues Causes Macrophage Recruitment and Insulin Resistance. Journal of Biological Chemistry, 2006, 281, 26602-26614.	1.6	746
14	PPAR Î³ insufficiency enhances osteogenesis through osteoblast formation from bone marrow progenitors. Journal of Clinical Investigation, 2004, 113, 846-855.	3.9	701
15	SNPs in KCNQ1 are associated with susceptibility to type 2 diabetes in East Asian and European populations. Nature Genetics, 2008, 40, 1098-1102.	9.4	641
16	A small-molecule AdipoR agonist for type 2 diabetes and short life in obesity. Nature, 2013, 503, 493-499.	13.7	565
17	A cross-population atlas of genetic associations for 220 human phenotypes. Nature Genetics, 2021, 53, 1415-1424.	9.4	560
18	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. Nature Genetics, 2012, 44, 67-72.	9.4	545

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19	PPAR Î³ insufficiency enhances osteogenesis through osteoblast formation from bone marrow progenitors. Journal of Clinical Investigation, 2004, 113, 846-855.	3.9	462
20	Increased insulin sensitivity and hypoglycaemia in mice lacking the p85Î± subunit of phosphoinositide 3â€“kinase. Nature Genetics, 1999, 21, 230-235.	9.4	374
21	Impaired Insulin Signaling in Endothelial Cells Reduces Insulin-Induced Glucose Uptake by Skeletal Muscle. Cell Metabolism, 2011, 13, 294-307.	7.2	362
22	Potential Role of Protein Kinase B in Insulin-induced Glucose Transport, Glycogen Synthesis, and Protein Synthesis. Journal of Biological Chemistry, 1998, 273, 5315-5322.	1.6	328
23	Report of the Committee on the classification and diagnostic criteria of diabetes mellitus. Diabetology International, 2010, 1, 2-20.	0.7	322
24	Oral semaglutide versus subcutaneous liraglutide and placebo in type 2 diabetes (PIONEER 4): a randomised, double-blind, phase 3a trial. Lancet, The, 2019, 394, 39-50.	6.3	315
25	Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. Nature Genetics, 2020, 52, 669-679.	9.4	304
26	Identification of type 2 diabetes loci in 433,540 East Asian individuals. Nature, 2020, 582, 240-245.	13.7	282
27	Pioglitazone Ameliorates Insulin Resistance and Diabetes by Both Adiponectin-dependent and -independent Pathways. Journal of Biological Chemistry, 2006, 281, 8748-8755.	1.6	274
28	Adiponectin receptors: A review of their structure, function and how they work. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 15-23.	2.2	272
29	Tyrosine phosphorylation of the EGF receptor by the kinase Jak2 is induced by growth hormone. Nature, 1997, 390, 91-96.	13.7	268
30	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	9.4	250
31	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
32	Angiotensin II Partly Mediates Mechanical Stressâ€“Induced Cardiac Hypertrophy. Circulation Research, 1995, 77, 258-265.	2.0	244
33	Adiponectin Enhances Insulin Sensitivity by Increasing Hepatic IRS-2 Expression via a Macrophage-Derived IL-6-Dependent Pathway. Cell Metabolism, 2011, 13, 401-412.	7.2	236
34	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
35	The physiological and pathophysiological role of adiponectin and adiponectin receptors in the peripheral tissues and CNS. FEBS Letters, 2008, 582, 74-80.	1.3	224
36	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. Nature Genetics, 2017, 49, 1450-1457.	9.4	218

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37	IL-1Î± induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. Journal of Cell Biology, 2015, 209, 453-466.	2.3	213
38	Insulin receptor substrate 2 plays a crucial role in Î² cells and the hypothalamus. Journal of Clinical Investigation, 2004, 114, 917-927.	3.9	209
39	Dynamic Functional Relay between Insulin Receptor Substrate 1 and 2 in Hepatic Insulin Signaling during Fasting and Feeding. Cell Metabolism, 2008, 8, 49-64.	7.2	204
40	Adipose Natural Regulatory B Cells Negatively Control Adipose Tissue Inflammation. Cell Metabolism, 2013, 18, 759-766.	7.2	195
41	Rho Family Small G Proteins Play Critical Roles in Mechanical Stressâ€“Induced Hypertrophic Responses in Cardiac Myocytes. Circulation Research, 1999, 84, 458-466.	2.0	178
42	Crystal structures of the human adiponectin receptors. Nature, 2015, 520, 312-316.	13.7	176
43	DialBetics. Journal of Diabetes Science and Technology, 2014, 8, 209-215.	1.3	175
44	Molecular Mechanism of Insulin Resistance and Obesity. Experimental Biology and Medicine, 2003, 228, 1111-1117.	1.1	168
45	Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. Nature Genetics, 2019, 51, 379-386.	9.4	164
46	Genome-wide association study identifies three novel loci for type 2 diabetes. Human Molecular Genetics, 2014, 23, 239-246.	1.4	158
47	Involvement of p85 in p53-dependent apoptotic response to oxidative stress. Nature, 1998, 391, 707-710.	13.7	157
48	Adiponectin suppresses hepatic SREBP1c expression in an AdipoR1/LKB1/AMPK dependent pathway. Biochemical and Biophysical Research Communications, 2009, 382, 51-56.	1.0	156
49	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. Nature Communications, 2016, 7, 10531.	5.8	149
50	Cell Typeâ€“Specific Angiotensin IIâ€“Evoked Signal Transduction Pathways. Circulation Research, 1998, 82, 337-345.	2.0	147
51	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). American Journal of Cardiology, 2015, 115, 307-315.	0.7	141
52	Glycemic control, mortality, and hypoglycemia in critically ill patients: a systematic review and network meta-analysis of randomized controlled trials. Intensive Care Medicine, 2017, 43, 1-15.	3.9	139
53	Role of Insulin Resistance in MAFLD. International Journal of Molecular Sciences, 2021, 22, 4156.	1.8	131
54	Imbalanced Insulin Actions in Obesity and Type 2 Diabetes: Key Mouse Models of Insulin Signaling Pathway. Cell Metabolism, 2017, 25, 797-810.	7.2	124

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55	Heart failure and chronic kidney disease manifestation and mortality risk associations in type 2 diabetes: A large multinational cohort study. Diabetes, Obesity and Metabolism, 2020, 22, 1607-1618.	2.2	118
56	Tofogliflozin Improves Insulin Resistance in Skeletal Muscle and Accelerates Lipolysis in Adipose Tissue in Male Mice. Endocrinology, 2016, 157, 1029-1042.	1.4	116
57	The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. Molecular and Cellular Biology, 2018, 38, .	1.1	114
58	SREBP-1-independent regulation of lipogenic gene expression in adipocytes. Journal of Lipid Research, 2007, 48, 1581-1591.	2.0	111
59	Global Mapping of Cell Typeâ€"Specific Open Chromatin by FAIRE-seq Reveals the Regulatory Role of the NFI Family in Adipocyte Differentiation. PLoS Genetics, 2011, 7, e1002311.	1.5	103
60	Daytime Napping and the Risk of Cardiovascular Disease and All-Cause Mortality: A Prospective Study and Dose-Response Meta-Analysis. Sleep, 2015, 38, 1945-1953.	0.6	102
61	NAD⁺ supplementation rejuvenates aged gut adult stem cells. Aging Cell, 2019, 18, e12935.	3.0	95
62	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. Cell Reports, 2016, 16, 2373-2386.	2.9	94
63	Semaglutide once a week in adults with overweight or obesity, with or without type 2 diabetes in an east Asian population (STEP 6): a randomised, double-blind, double-dummy, placebo-controlled, phase 3a trial. Lancet Diabetes and Endocrinology,the, 2022, 10, 193-206.	5.5	90
64	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
65	ENPP2 Contributes to Adipose Tissue Expansion and Insulin Resistance in Diet-Induced Obesity. Diabetes, 2014, 63, 4154-4164.	0.3	78
66	A Mutation in the Tyrosine Kinase Domain of the Insulin Receptor Associated with Insulin Resistance in an Obese Woman*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 894-901.	1.8	77
67	Differential hepatic distribution of insulin receptor substrates causes selective insulin resistance in diabetes and obesity. Nature Communications, 2016, 7, 12977.	5.8	77
68	Vascular Endothelial Growth Factor Induces Activation and Subcellular Translocation of Focal Adhesion Kinase (p125 FAK) in Cultured Rat Cardiac Myocytes. Circulation Research, 1999, 84, 1194-1202.	2.0	76
69	Differential effects of diet- and genetically-induced brain insulin resistance on amyloid pathology in a mouse model of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2019, 14, 15.	4.4	74
70	Empagliflozin Monotherapy in Japanese Patients with Type 2 Diabetes Mellitus: a Randomized, 12-Week, Double-Blind, Placebo-Controlled, Phase II Trial. Advances in Therapy, 2014, 31, 621-638.	1.3	73
71	NFIA co-localizes with PPARÎ³ and transcriptionally controls the brown fat gene program. Nature Cell Biology, 2017, 19, 1081-1092.	4.6	73
72	Signal Transduction Mechanism of Insulin and Insulin-Like Growth Factor-1.. Endocrine Journal, 1996, 43, S33-S41.	0.7	71

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73	Serum Levels of Vascular Endothelial Growth Factor in Patients with Acute Myocardial Infarction Undergoing Reperfusion Therapy. Clinical Science, 1997, 92, 453-454.	1.8	67
74	Sodiumâ€glucose coâ€transporterâ€2 inhibitors as addâ€on therapy to insulin for type 1 diabetes mellitus: Systematic review and metaâ€analysis of randomized controlled trials. Diabetes, Obesity and Metabolism, 2018, 20, 1755-1761.	2.2	66
75	Citrin/Mitochondrial Glycerol-3-phosphate Dehydrogenase Double Knock-out Mice Recapitulate Features of Human Citrin Deficiency. Journal of Biological Chemistry, 2007, 282, 25041-25052.	1.6	65
76	Dual Regulation of Gluconeogenesis by Insulin and Glucose in the Proximal Tubules of the Kidney. Diabetes, 2017, 66, 2339-2350.	0.3	61
77	Empagliflozin and kidney outcomes in Asian patients with typeÂ2 diabetes and established cardiovascular disease: Results from the EMPAâ€REG OUTCOME^{Â®} trial. Journal of Diabetes Investigation, 2019, 10, 760-770.	1.1	61
78	Downregulation of macrophage Irs2 by hyperinsulinemia impairs IL-4-indeuced M2a-subtype macrophage activation in obesity. Nature Communications, 2018, 9, 4863.	5.8	60
79	Roles of Insulin Receptor Substrates in Insulin-Induced Stimulation of Renal Proximal Bicarbonate Absorption. Journal of the American Society of Nephrology: JASN, 2005, 16, 2288-2295.	3.0	59
80	Adiponectin/adiponectin receptor in disease and aging. Npj Aging and Mechanisms of Disease, 2015, 1, 15013.	4.5	59
81	Genome-Wide Association Meta-analysis Identifies Novel Variants Associated With Fasting Plasma Glucose in East Asians. Diabetes, 2015, 64, 291-298.	0.3	59
82	Adiponectin Receptor Signaling: A New Layer to the Current Model. Cell Metabolism, 2011, 13, 123-124.	7.2	57
83	<scp>l</scp> -cysteine reversibly inhibits glucose-induced biphasic insulin secretion and ATP production by inactivating PKM2. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1067-76.	3.3	57
84	Sirtuin1 Maintains Actin Cytoskeleton by Deacetylation of Cortactin in Injured Podocytes. Journal of the American Society of Nephrology: JASN, 2015, 26, 1939-1959.	3.0	56
85	The role of PPARÎ³ in high-fat diet-induced obesity and insulin resistance. Journal of Diabetes and Its Complications, 2002, 16, 41-45.	1.2	55
86	Combating diabetes and obesity in Japan. Nature Medicine, 2006, 12, 73-74.	15.2	55
87	Growth Hormone-Induced Tyrosine Phosphorylation of EGF Receptor as an Essential Element Leading to MAP Kinase Activation and Gene Expression. Endocrine Journal, 1998, 45, S27-S31.	0.7	54
88	A Novel Low-Density Lipoprotein Receptor-Related Protein Mediating Cellular Uptake of Apolipoprotein E-Enriched Î²-VLDL in Vitroâ€,â€¡. Biochemistry, 2000, 39, 15817-15825.	1.2	53
89	Exenatide Exhibits Dose-Dependent Effects on Glycemic Control over 12 Weeks in Japanese Patients with Suboptimally Controlled Type 2 Diabetes. Endocrine Journal, 2009, 56, 415-424.	0.7	52
90	A qualitative study on the impact of internalized stigma on type 2 diabetes self-management. Patient Education and Counseling, 2016, 99, 1233-1239.	1.0	52

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91	Hepatic Sdf2l1 controls feeding-induced ER stress and regulates metabolism. Nature Communications, 2019, 10, 947.	5.8	52
92	Restored insulin-sensitivity in IRS-1â€“deficient mice treated by adenovirus-mediated gene therapy. Journal of Clinical Investigation, 2000, 105, 1437-1445.	3.9	52
93	J-curve relation between daytime nap duration and type 2 diabetes or metabolic syndrome: A dose-response meta-analysis. Scientific Reports, 2016, 6, 38075.	1.6	49
94	Genetic architecture of type 2 diabetes. Biochemical and Biophysical Research Communications, 2014, 452, 213-220.	1.0	48
95	A genome-wide association study identifies PLCL2 and AP3D1-DOT1L-SF3A2 as new susceptibility loci for myocardial infarction in Japanese. European Journal of Human Genetics, 2015, 23, 374-380.	1.4	48
96	New glycemic targets for patients with diabetes from the Japan Diabetes Society. Journal of Diabetes Investigation, 2017, 8, 123-125.	1.1	48
97	Perspective of Small-Molecule AdipoR Agonist for Type 2 Diabetes and Short Life in Obesity. Diabetes and Metabolism Journal, 2015, 39, 363.	1.8	47
98	Association between self-stigma and self-care behaviors in patients with type 2 diabetes: a cross-sectional study. BMJ Open Diabetes Research and Care, 2016, 4, e000156.	1.2	47
99	DialBetics With a Multimedia Food Recording Tool, FoodLog. Journal of Diabetes Science and Technology, 2015, 9, 534-540.	1.3	46
100	Multifactorial intervention has a significant effect on diabetic kidney disease in patients with type 2 diabetes. Kidney International, 2021, 99, 256-266.	2.6	46
101	Efficacy and safety of canagliflozin as addâ€on therapy to teneligliptin in <scp>J</scp>apanese patients with type 2 diabetes mellitus: <scp>R</scp>esults of a 24â€week, randomized, doubleâ€blind, placeboâ€controlled trial. Diabetes, Obesity and Metabolism, 2017, 19, 874-882.	2.2	45
102	Vascular endothelial growth factor (VEGF) activates Raf-1, mitogen-activated protein (MAP) kinases, and S6 kinase (p90rsk) in cultured rat cardiac myocytes. Journal of Cellular Physiology, 1998, 175, 239-246.	2.0	44
103	Improved glycemic control and reduced bodyweight with exenatide: A double-blind, randomized, phase 3 study in Japanese patients with suboptimally controlled typeâ€ƒ2 diabetes over 24â€ƒweeks. Journal of Diabetes Investigation, 2011, 2, 210-217.	1.1	44
104	Blockade of class IB phosphoinositide-3 kinase ameliorates obesity-induced inflammation and insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5753-5758.	3.3	44
105	Fastâ€acting insulin aspart versus insulin aspart in the setting of insulin degludecâ€treated type 1 diabetes: Efficacy and safety from a randomized doubleâ€blind trial. Diabetes, Obesity and Metabolism, 2018, 20, 2885-2893.	2.2	44
106	Retrospective nationwide study on the trends in firstâ€line antidiabetic medication for patients with typeâ€‰2 diabetes in Japan. Journal of Diabetes Investigation, 2022, 13, 280-291.	1.1	44
107	Efficacy and Safety of Empagliflozin Monotherapy for 52 Weeks in Japanese Patients with Type 2 Diabetes: A Randomized, Double-Blind, Parallel-Group Study. Advances in Therapy, 2015, 32, 306-318.	1.3	43
108	Adiponectin/AdipoR Research and Its Implications for Lifestyle-Related Diseases. Frontiers in Cardiovascular Medicine, 2019, 6, 116.	1.1	42

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109	The Mechanism of Insulin-induced Signal Transduction Mediated by the Insulin Receptor Substrate Family. Endocrine Journal, 1999, 46, S25-S34.	0.7	41
110	Obesity in Insulin Receptor Substrateâ€2â€"Deficient Mice: Disrupted Control of Arcuate Nucleus Neuropeptides. Obesity, 2004, 12, 878-885.	4.0	41
111	Addition of sitagliptin to ongoing glimepiride therapy in Japanese patients with type 2 diabetes over 52Âweeks leads to improved glycemic control. Diabetology International, 2011, 2, 32-44.	0.7	39
112	High hemoglobin A1c levels within the nonâ€diabetic range are associated with the risk of all cancers. International Journal of Cancer, 2016, 138, 1741-1753.	2.3	39
113	Validity and applicability of a simple questionnaire for the estimation of total and domain-specific physical activity. Diabetology International, 2011, 2, 47-54.	0.7	37
114	Adiponectin and its receptors: implications for obesity-associated diseases and longevity. Lancet Diabetes and Endocrinology,the, 2014, 2, 8-9.	5.5	37
115	Adiponectin Enhances Antibacterial Activity of Hematopoietic Cells by Suppressing Bone Marrow Inflammation. Immunity, 2016, 44, 1422-1433.	6.6	37
116	Role of insulin receptor substrates in the progression of hepatocellular carcinoma. Scientific Reports, 2017, 7, 5387.	1.6	37
117	SnapShot: Insulin Signaling Pathways. Cell, 2012, 148, 624-624.e1.	13.5	35
118	Usage Patterns of GlucoNote, a Self-Management Smartphone App, Based on ResearchKit for Patients With Type 2 Diabetes and Prediabetes. JMIR MHealth and UHealth, 2019, 7, e13204.	1.8	35
119	Adiponectin Enhances Quiescence Exit of Murine Hematopoietic Stem Cells and Hematopoietic Recovery Through mTORC1 Potentiation. Stem Cells, 2017, 35, 1835-1848.	1.4	34
120	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. Nature Communications, 2020, 11, 3175.	5.8	34
121	Association between tear and blood glucose concentrations: Random intercept model adjusted with confounders in tear samples negative for occult blood. Journal of Diabetes Investigation, 2021, 12, 266-276.	1.1	34
122	Insulin Receptor Substrate-2 (Irs2) in Endothelial Cells Plays a Crucial Role in Insulin Secretion. Diabetes, 2015, 64, 876-886.	0.3	33
123	Testing the Feasibility and Usability of a Novel Smartphone-Based Self-Management Support System for Dialysis Patients: A Pilot Study. JMIR Research Protocols, 2017, 6, e63.	0.5	33
124	Safety and efficacy of teneligliptin in Japanese patients with type 2 diabetes mellitus: a pooled analysis of two Phase III clinical studies. Expert Opinion on Pharmacotherapy, 2015, 16, 971-981.	0.9	32
125	Psychological and behavioural patterns of stigma among patients with type 2 diabetes: a cross-sectional study. BMJ Open, 2017, 7, e013425.	0.8	32
126	Germ-Line Contribution of Embryonic Stem Cells in Chimeric Mice: Influence of Karyotype and In Vitro Differentiation Ability.. Experimental Animals, 1997, 46, 17-23.	0.7	31

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127	Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. Scientific Reports, 2017, 7, 6516.	1.6	31
128	Metabolomic analysis reveals hepatic metabolite perturbations in citrin/mitochondrial glycerol-3-phosphate dehydrogenase double-knockout mice, a model of human citrin deficiency. Molecular Genetics and Metabolism, 2011, 104, 492-500.	0.5	30
129	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
130	Hepatic FATP5 expression is associated with histological progression and loss of hepatic fat in NAFLD patients. Journal of Gastroenterology, 2020, 55, 227-243.	2.3	29
131	Insulin- and Lipopolysaccharide-Mediated Signaling in Adipose Tissue Macrophages Regulates Postprandial Glycemia through Akt-mTOR Activation. Molecular Cell, 2020, 79, 43-53.e4.	4.5	29
132	Factors Associated With Callus in Patients with Diabetes, Focused on Plantar Shear Stress During Gait. Journal of Diabetes Science and Technology, 2016, 10, 1353-1359.	1.3	28
133	Structural Basis and Genotypeâ€“Phenotype Correlations of INSR Mutations Causing Severe Insulin Resistance. Diabetes, 2017, 66, 2713-2723.	0.3	28
134	Design of and rationale for the Japan Diabetes compREhensive database project based on an Advanced electronic Medical record System (J-DREAMS). Diabetology International, 2017, 8, 375-382.	0.7	28
135	Efficacy and safety of teneligliptin added to canagliflozin monotherapy in Japanese patients with type 2 diabetes mellitus: A multicentre, randomized, doubleâ€blind, placeboâ€controlled, parallelâ€group comparative study. Diabetes, Obesity and Metabolism, 2018, 20, 453-457.	2.2	28
136	Robust and highly efficient hiPSC generation from patient non-mobilized peripheral blood-derived CD34+ cells using the auto-erasable Sendai virus vector. Stem Cell Research and Therapy, 2019, 10, 185.	2.4	28
137	A Case of Diabetic Amyotrophy Associated with 3243 Mitochondrial tRNA(leu; UUR) Mutation and Successful Therapy with Coenzyme Q10.. Endocrine Journal, 1995, 42, 141-145.	0.7	27
138	How self-stigma affects patient activation in persons with type 2 diabetes: a cross-sectional study. BMJ Open, 2020, 10, e034757.	0.8	27
139	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. BMJ Open Diabetes Research and Care, 2016, 4, e000123.	1.2	26
140	Hepatic IRS1 and ÃŸ-catenin expression is associated with histological progression and overt diabetes emergence in NAFLD patients. Journal of Gastroenterology, 2018, 53, 1261-1275.	2.3	25
141	Four Mutant Alleles of the Insulin Receptor Gene Associated with Genetic Syndromes of Extreme Insulin Resistance. Biochemical and Biophysical Research Communications, 1997, 237, 516-520.	1.0	24
142	Genetic variants in the calpain-10 gene and the development of type 2 diabetes in the Japanese population. Journal of Human Genetics, 2005, 50, 92-98.	1.1	23
143	Efficacy and safety of sitagliptin add-on therapy in Japanese patients with type 2 diabetes on insulin monotherapy. Diabetology International, 2013, 4, 160-172.	0.7	23
144	Willingness of patients with diabetes to use an ICT-based self-management tool: a cross-sectional study. BMJ Open Diabetes Research and Care, 2017, 5, e000322.	1.2	23

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145	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. Expert Opinion on Pharmacotherapy, 2017, 18, 1291-1300.	0.9	23
146	Variation in process quality measures of diabetes care by region and institution in Japan during 2015â€"2016: An observational study of nationwide claims data. Diabetes Research and Clinical Practice, 2019, 155, 107750.	1.1	23
147	Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. Biochemical and Biophysical Research Communications, 2017, 493, 40-45.	1.0	22
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. Diabetes, 2001, 50, 1455-1463.	0.3	21
149	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. Human Molecular Genetics, 2016, 25, 2070-2081.	1.4	21
150	Biosimilar vs originator insulins: Systematic review and metaâ€analysis. Diabetes, Obesity and Metabolism, 2018, 20, 1787-1792.	2.2	21
151	Longâ€term safety and efficacy of canagliflozin as addâ€on therapy to teneligliptin inJapanese patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2018, 20, 77-84.	2.2	21
152	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. Molecular Genetics and Metabolism, 2012, 107, 322-329.	0.5	20
153	NFIA differentially controls adipogenic and myogenic gene program through distinct pathways to ensure brown and beige adipocyte differentiation. PLoS Genetics, 2020, 16, e1009044.	1.5	20
154	AdipoR agonist increases insulin sensitivity and exercise endurance in AdipoR-humanized mice. Communications Biology, 2021, 4, 45.	2.0	20
155	Impact of COVID-19 pandemic on healthcare service use for non-COVID-19 patients in Japan: retrospective cohort study. BMJ Open, 2022, 12, e060390.	0.8	20
156	Potential Formula for the Calculation of Starting and Incremental Insulin Glargine Doses: ALOHA Subanalysis. PLoS ONE, 2012, 7, e41358.	1.1	19
157	Gastrointestinal symptom prevalence depends on disease duration and gastrointestinal region in type 2 diabetes mellitus. World Journal of Gastroenterology, 2017, 23, 6694-6704.	1.4	19
158	Antibody-mediated Insulin Resistance Treated by Cessation of Insulin Administration.. Internal Medicine, 2000, 39, 143-145.	0.3	18
159	DialBetics: Smartphone-Based Self-Management for Type 2 Diabetes Patients. Journal of Diabetes Science and Technology, 2012, 6, 983-985.	1.3	18
160	Safety of Empagliflozin in Patients With Type 2 Diabetes and Chronic Kidney Disease: Pooled Analysis of Placebo-Controlled Clinical Trials. Diabetes Care, 2022, 45, 1445-1452.	4.3	18
161	Anagliptin increases insulin-induced skeletal muscle glucose uptake via an NO-dependent mechanism in mice. Diabetologia, 2016, 59, 2426-2434.	2.9	17
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