

Toshimasa Yamauchi

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

26,306
citations

34016

52
h-index

10424

139
g-index

172
all docs

172
docs citations

172
times ranked

26277
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , 2003, 423, 762-769.	13.7	2,804
2	Adiponectin and adiponectin receptors in insulin resistance, diabetes, and the metabolic syndrome. <i>Journal of Clinical Investigation</i> , 2006, 116, 1784-1792.	3.9	2,339
3	Adiponectin and Adiponectin Receptors. <i>Endocrine Reviews</i> , 2005, 26, 439-451.	8.9	2,215
4	PPAR β Mediates High-Fat Diet-Induced Adipocyte Hypertrophy and Insulin Resistance. <i>Molecular Cell</i> , 1999, 4, 597-609.	4.5	1,281
5	Targeted disruption of AdipoR1 and AdipoR2 causes abrogation of adiponectin binding and metabolic actions. <i>Nature Medicine</i> , 2007, 13, 332-339.	15.2	1,177
6	Disruption of Adiponectin Causes Insulin Resistance and Neointimal Formation. <i>Journal of Biological Chemistry</i> , 2002, 277, 25863-25866.	1.6	1,149
7	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	9.4	959
8	Impaired Multimerization of Human Adiponectin Mutants Associated with Diabetes. <i>Journal of Biological Chemistry</i> , 2003, 278, 40352-40363.	1.6	871
9	Adiponectin and AdipoR1 regulate PGC-1 α and mitochondria by Ca ²⁺ and AMPK/SIRT1. <i>Nature</i> , 2010, 464, 1313-1319.	13.7	859
10	Globular Adiponectin Protected ob/ob Mice from Diabetes and ApoE-deficient Mice from Atherosclerosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 2461-2468.	1.6	783
11	Overexpression of Monocyte Chemoattractant Protein-1 in Adipose Tissues Causes Macrophage Recruitment and Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2006, 281, 26602-26614.	1.6	746
12	Adiponectin Stimulates AMP-Activated Protein Kinase in the Hypothalamus and Increases Food Intake. <i>Cell Metabolism</i> , 2007, 6, 55-68.	7.2	701
13	The Mechanisms by Which Both Heterozygous Peroxisome Proliferator-activated Receptor β (PPAR β) Deficiency and PPAR β Agonist Improve Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2001, 276, 41245-41254.	1.6	575
14	A small-molecule AdipoR agonist for type 2 diabetes and short life in obesity. <i>Nature</i> , 2013, 503, 493-499.	13.7	565
15	A cross-population atlas of genetic associations for 220 human phenotypes. <i>Nature Genetics</i> , 2021, 53, 1415-1424.	9.4	560
16	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. <i>Nature Genetics</i> , 2012, 44, 67-72.	9.4	545
17	Measurement of the High-Molecular Weight Form of Adiponectin in Plasma Is Useful for the Prediction of Insulin Resistance and Metabolic Syndrome. <i>Diabetes Care</i> , 2006, 29, 1357-1362.	4.3	518
18	Insulin/Foxo1 Pathway Regulates Expression Levels of Adiponectin Receptors and Adiponectin Sensitivity. <i>Journal of Biological Chemistry</i> , 2004, 279, 30817-30822.	1.6	470

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19	Peroxisome Proliferator-Activated Receptor (PPAR) α Activation Increases Adiponectin Receptors and Reduces Obesity-Related Inflammation in Adipose Tissue: Comparison of Activation of PPAR α , PPAR δ , and Their Combination. <i>Diabetes</i> , 2005, 54, 3358-3370.	0.3	374
20	Adiponectin Receptor as a Key Player in Healthy Longevity and Obesity-Related Diseases. <i>Cell Metabolism</i> , 2013, 17, 185-196.	7.2	348
21	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.	9.4	304
22	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020, 582, 240-245.	13.7	282
23	Pioglitazone Ameliorates Insulin Resistance and Diabetes by Both Adiponectin-dependent and -independent Pathways. <i>Journal of Biological Chemistry</i> , 2006, 281, 8748-8755.	1.6	274
24	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.	2.2	272
25	Tyrosine phosphorylation of the EGF receptor by the kinase Jak2 is induced by growth hormone. <i>Nature</i> , 1997, 390, 91-96.	13.7	268
26	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	9.4	250
27	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, 864-868.	9.4	245
28	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.	7.2	236
29	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.	5.5	228
30	Crystal structures of the human adiponectin receptors. <i>Nature</i> , 2015, 520, 312-316.	13.7	176
31	Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. <i>Nature Genetics</i> , 2019, 51, 379-386.	9.4	164
32	Genome-wide association study identifies three novel loci for type 2 diabetes. <i>Human Molecular Genetics</i> , 2014, 23, 239-246.	1.4	158
33	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016, 7, 10531.	5.8	149
34	Increased insulin sensitivity despite lipodystrophy in Crebbp heterozygous mice. <i>Nature Genetics</i> , 2002, 30, 221-226.	9.4	148
35	Adiponectin regulates psoriasiform skin inflammation by suppressing IL-17 production from $\text{I}\beta\text{T}$ -T cells. <i>Nature Communications</i> , 2015, 6, 7687.	5.8	139
36	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.	3.9	139

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37	Adiponectin inhibits the growth and peritoneal metastasis of gastric cancer through its specific membrane receptors AdipoR1 and AdipoR2. <i>Cancer Science</i> , 2007, 98, 1120-1127.	1.7	131
38	Role of Insulin Resistance in MAFLD. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4156.	1.8	131
39	Selective purification and characterization of adiponectin multimer species from human plasma. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 487-493.	1.0	129
40	Dual Roles of Adiponectin / Acrp30 In Vivo as an Anti-Diabetic and Anti- Atherogenic Adipokine. <i>Current Drug Targets Immune, Endocrine and Metabolic Disorders</i> , 2003, 3, 243-253.	1.8	127
41	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.	1.5	103
42	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, 1945-1953.	0.6	102
43	NAD ⁺ supplementation rejuvenates aged gut adult stem cells. <i>Aging Cell</i> , 2019, 18, e12935.	3.0	95
44	Preparation and culture of bone marrow-derived macrophages from mice for functional analysis. <i>STAR Protocols</i> , 2021, 2, 100246.	0.5	94
45	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. <i>Lancet Diabetes and Endocrinology</i> , 2022, 10, 193-206.	5.5	90
46	LPIAT1/MBOAT7 depletion increases triglyceride synthesis fueled by high phosphatidylinositol turnover. <i>Gut</i> , 2021, 70, 180-193.	6.1	86
47	NFIA co-localizes with PPAR β and transcriptionally controls the brown fat gene program. <i>Nature Cell Biology</i> , 2017, 19, 1081-1092.	4.6	73
48	Prolyl Hydroxylase Domain Inhibitor Protects against Metabolic Disorders and Associated Kidney Disease in Obese Type 2 Diabetic Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 560-577.	3.0	72
49	Signal Transduction Mechanism of Insulin and Insulin-Like Growth Factor-1. <i>Endocrine Journal</i> , 1996, 43, S33-S41.	0.7	71
50	Sodium-glucose cotransporter 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.	2.2	66
51	Downregulation of macrophage Irs2 by hyperinsulinemia impairs IL-4-induced M2a-subtype macrophage activation in obesity. <i>Nature Communications</i> , 2018, 9, 4863.	5.8	60
52	Adiponectin/adiponectin receptor in disease and aging. <i>Npj Aging and Mechanisms of Disease</i> , 2015, 1, 15013.	4.5	59
53	Genome-Wide Association Meta-analysis Identifies Novel Variants Associated With Fasting Plasma Glucose in East Asians. <i>Diabetes</i> , 2015, 64, 291-298.	0.3	59
54	Adiponectin Receptor Signaling: A New Layer to the Current Model. <i>Cell Metabolism</i> , 2011, 13, 123-124.	7.2	57

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55	The role of PPAR β in high-fat diet-induced obesity and insulin resistance. <i>Journal of Diabetes and Its Complications</i> , 2002, 16, 41-45.	1.2	55
56	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, S27-S31.	0.7	54
57	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.	1.6	49
58	5 α -Hydroxytryptamine 2A receptor signaling cascade modulates adiponectin and plasminogen activator inhibitor 1 expression in adipose tissue. <i>FEBS Letters</i> , 2008, 582, 3037-3044.	1.3	47
59	Perspective of Small-Molecule AdipoR Agonist for Type 2 Diabetes and Short Life in Obesity. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 363.	1.8	47
60	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.	1.2	47
61	A Novel Peroxisome Proliferator-activated Receptor (PPAR) δ Agonist and PPAR β Antagonist, Z-551, Ameliorates High-fat Diet-induced Obesity and Metabolic Disorders in Mice. <i>Journal of Biological Chemistry</i> , 2015, 290, 14567-14581.	1.6	44
62	Retrospective nationwide study on the trends in first-line antidiabetic medication for patients with type 2 diabetes in Japan. <i>Journal of Diabetes Investigation</i> , 2022, 13, 280-291.	1.1	44
63	Adiponectin/AdipoR Research and Its Implications for Lifestyle-Related Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 116.	1.1	42
64	The Mechanism of Insulin-induced Signal Transduction Mediated by the Insulin Receptor Substrate Family. <i>Endocrine Journal</i> , 1999, 46, S25-S34.	0.7	41
65	Adiponectin and its receptors: implications for obesity-associated diseases and longevity. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 8-9.	5.5	37
66	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. <i>Nature Communications</i> , 2020, 11, 3175.	5.8	34
67	Association between tear and blood glucose concentrations: Random intercept model adjusted with confounders in tear samples negative for occult blood. <i>Journal of Diabetes Investigation</i> , 2021, 12, 266-276.	1.1	34
68	Psychological and behavioural patterns of stigma among patients with type 2 diabetes: a cross-sectional study. <i>BMJ Open</i> , 2017, 7, e013425.	0.8	32
69	The current status of treatment-related severe hypoglycemia in Japanese patients with diabetes mellitus: A report from the committee on a survey of severe hypoglycemia in the Japan Diabetes Society. <i>Journal of Diabetes Investigation</i> , 2018, 9, 642-656.	1.1	30
70	A variant within the FTO confers susceptibility to diabetic nephropathy in Japanese patients with type 2 diabetes. <i>PLoS ONE</i> , 2018, 13, e0208654.	1.1	30
71	Chronic nicotinamide mononucleotide supplementation elevates blood nicotinamide adenine dinucleotide levels and alters muscle function in healthy older men. , 2022, 8, .		30
72	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.	4.5	29

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73	Structural Basis and Genotype-Phenotype Correlations of INSR Mutations Causing Severe Insulin Resistance. <i>Diabetes</i> , 2017, 66, 2713-2723.	0.3	28
74	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.	2.4	28
75	Expression Levels of Adiponectin Receptors are Decreased in Human Endometrial Adenocarcinoma Tissues. <i>International Journal of Gynecological Pathology</i> , 2012, 31, 352-357.	0.9	27
76	How self-stigma affects patient activation in persons with type 2 diabetes: a cross-sectional study. <i>BMJ Open</i> , 2020, 10, e034757.	0.8	27
77	Adiponectin receptors are downregulated in human gastric cancer. <i>Journal of Gastroenterology</i> , 2010, 45, 918-927.	2.3	25
78	Willingness of patients with diabetes to use an ICT-based self-management tool: a cross-sectional study. <i>BMJ Open Diabetes Research and Care</i> , 2017, 5, e000322.	1.2	23
79	Variation in process quality measures of diabetes care by region and institution in Japan during 2015-2016: An observational study of nationwide claims data. <i>Diabetes Research and Clinical Practice</i> , 2019, 155, 107750.	1.1	23
80	Biosimilar vs originator insulins: Systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1787-1792.	2.2	21
81	NFIA differentially controls adipogenic and myogenic gene program through distinct pathways to ensure brown and beige adipocyte differentiation. <i>PLoS Genetics</i> , 2020, 16, e1009044.	1.5	20
82	AdipoR agonist increases insulin sensitivity and exercise endurance in AdipoR-humanized mice. <i>Communications Biology</i> , 2021, 4, 45.	2.0	20
83	Impact of COVID-19 pandemic on healthcare service use for non-COVID-19 patients in Japan: retrospective cohort study. <i>BMJ Open</i> , 2022, 12, e060390.	0.8	20
84	Shear Stress-Normal Stress (Pressure) Ratio Decides Forming Callus in Patients with Diabetic Neuropathy. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-10.	1.0	16
85	Human adiponectin receptor AdipoR1 assumes closed and open structures. <i>Communications Biology</i> , 2020, 3, 446.	2.0	15
86	Metabolic surgery in treatment of obese Japanese patients with type 2 diabetes: a joint consensus statement from the Japanese Society for Treatment of Obesity, the Japan Diabetes Society, and the Japan Society for the Study of Obesity. <i>Diabetology International</i> , 2022, 13, 1-30.	0.7	15
87	Expression, purification, crystallization, and preliminary X-ray crystallographic studies of the human adiponectin receptors, AdipoR1 and AdipoR2. <i>Journal of Structural and Functional Genomics</i> , 2015, 16, 11-23.	1.2	14
88	The current status of treatment-related severe hypoglycemia in Japanese patients with diabetes mellitus: a report from the committee on a survey of severe hypoglycemia in the Japan Diabetes Society. <i>Diabetology International</i> , 2018, 9, 84-99.	0.7	14
89	The association between health literacy levels and patient-reported outcomes in Japanese type 2 diabetic patients. <i>SAGE Open Medicine</i> , 2019, 7, 205031211986564.	0.7	14
90	A closer inspection of diabetes-related stigma: why more research is needed. <i>Diabetology International</i> , 2020, 11, 73-75.	0.7	14

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91	Glycemic control, mortality, secondary infection, and hypoglycemia in critically ill pediatric patients: a systematic review and network meta-analysis of randomized controlled trials. <i>Intensive Care Medicine</i> , 2017, 43, 1427-1429.	3.9	13
92	Oxidized albumin in blood reflects the severity of multiple vascular complications in diabetes mellitus. <i>Metabolism Open</i> , 2020, 6, 100032.	1.4	13
93	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.	1.4	13
94	eHealth Delivery of Educational Content Using Selected Visual Methods to Improve Health Literacy on Lifestyle-Related Diseases: Literature Review. <i>JMIR MHealth and UHealth</i> , 2020, 8, e18316.	1.8	13
95	CDK5 Regulatory Subunit-Associated Protein 1-like 1 Negatively Regulates Adipocyte Differentiation through Activation of Wnt Signaling Pathway. <i>Scientific Reports</i> , 2017, 7, 7326.	1.6	12
96	Structure and function analysis of adiponectin receptors toward development of novel antidiabetic agents promoting healthy longevity. <i>Endocrine Journal</i> , 2018, 65, 971-977.	0.7	11
97	Drug development research for novel adiponectin receptor-targeted antidiabetic drugs contributing to healthy longevity. <i>Diabetology International</i> , 2019, 10, 237-244.	0.7	11
98	Deep Neural Network for Reducing the Screening Workload in Systematic Reviews for Clinical Guidelines: Algorithm Validation Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e22422.	2.1	11
99	Effect of Information and Communication Technology-Based Self-management System DialBeticsLite on Treating Abdominal Obesity in the Specific Health Guidance in Japan: Randomized Controlled Trial. <i>JMIR Formative Research</i> , 2022, 6, e33852.	0.7	9
100	Maturity-onset Diabetes of the Young Resulting from a Novel Mutation in the HNF-4.ALPHA. Gene.. <i>Internal Medicine</i> , 2002, 41, 848-852.	0.3	8
101	Thermographic findings in a case of type 2 diabetes with foot ulcer due to callus deterioration. <i>Diabetology International</i> , 2017, 8, 328-333.	0.7	8
102	Weekly Versus Daily Dipeptidyl Peptidase 4 Inhibitor Therapy for Type 2 Diabetes: Systematic Review and Meta-analysis. <i>Diabetes Care</i> , 2018, 41, e52-e55.	4.3	8
103	Using mHealth to Provide Mobile App Users With Visualization of Health Checkup Data and Educational Videos on Lifestyle-Related Diseases: Methodological Framework for Content Development. <i>JMIR MHealth and UHealth</i> , 2020, 8, e20982.	1.8	8
104	Change in Cardiovascular Health Metrics and Risk for Proteinuria Development: Analysis of a Nationwide Population-Based Database. <i>American Journal of Nephrology</i> , 2022, 53, 240-248.	1.4	8
105	Associations between diabetes duration and self-stigma development in Japanese people with type 2 diabetes: a secondary analysis of cross-sectional data. <i>BMJ Open</i> , 2021, 11, e055013.	0.8	8
106	Medical nutrition therapy and dietary counseling for patients with diabetes-energy, carbohydrates, protein intake and dietary counseling. <i>Diabetology International</i> , 2020, 11, 224-239.	0.7	7
107	Perceptions, attitudes and barriers to obesity management: Japanese data from the ACTION study. <i>Journal of Diabetes Investigation</i> , 2021, 12, 845-858.	1.1	7
108	Factors associated with long-term care certification in older adults: a cross-sectional study based on a nationally representative survey in Japan. <i>BMC Geriatrics</i> , 2021, 21, 374.	1.1	7

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109	Discovery of a transdermally deliverable pentapeptide for activating AdipoR1 to promote hair growth. <i>EMBO Molecular Medicine</i> , 2021, 13, e13790.	3.3	7
110	Association between nutritional guidance or ophthalmological examination and discontinuation of physician visits in patients with newly diagnosed diabetes: A retrospective cohort study using a nationwide database. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1619-1631.	1.1	6
111	Efficacy of the Self-management Support System DialBetesPlus for Diabetic Kidney Disease: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2021, 10, e31061.	0.5	6
112	Impact of Glucose Tolerance and Its Change on Incident Proteinuria: Analysis of a Nationwide Population-Based Dataset. <i>American Journal of Nephrology</i> , 2022, 53, 307-315.	1.4	6
113	Pseudo-hyperglucagonemia was observed in pancreatectomized patients when measured by glucagon sandwich enzyme-linked immunosorbent assay. <i>Journal of Diabetes Investigation</i> , 2021, 12, 286-289.	1.1	5
114	Factors Associated with the Local Increase of Skin Temperature, "Hotspot," of Callus in Diabetic Foot: A Cross-Sectional Study. <i>Journal of Diabetes Science and Technology</i> , 2021, , 193229682110111.	1.3	5
115	Structural basis of ethnic-specific variants of PAX4 associated with type 2 diabetes. <i>Human Genome Variation</i> , 2021, 8, 25.	0.4	5
116	New classification and diagnostic criteria for insulin resistance syndrome. <i>Endocrine Journal</i> , 2022, 69, 107-113.	0.7	5
117	New classification and diagnostic criteria for insulin resistance syndrome. <i>Diabetology International</i> , 2022, 13, 337-343.	0.7	5
118	Association between proteinuria and incident colorectal cancer: analysis of a nationwide population-based database. <i>BMJ Open</i> , 2022, 12, e056250.	0.8	5
119	Prevention of diabetic foot ulcers using a smartphone and mobile thermography: a case study. <i>Journal of Wound Care</i> , 2021, 30, 116-119.	0.5	4
120	Clinical Characteristics and Incidences of Benign and Malignant Insulinoma Using a National Inpatient Database in Japan. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 3477-3486.	1.8	4
121	Potassium Concentration in Initial Fluid Therapy and In-Hospital Mortality of Patients with Diabetic Ketoacidosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2162-e2175.	1.8	4
122	Severe aortic stenosis during leptin replacement therapy in a patient with generalized lipodystrophy-associated progeroid syndrome due to an LMNA variant: A case report. <i>Journal of Diabetes Investigation</i> , 2022, 13, 1636-1638.	1.1	4
123	Development of an Automatic Puncturing and Sampling System for a Self-Monitoring Blood Glucose Device. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 651-659.	2.4	3
124	Clinical usefulness of multigene screening with phenotype-driven bioinformatics analysis for the diagnosis of patients with monogenic diabetes or severe insulin resistance. <i>Diabetes Research and Clinical Practice</i> , 2020, 169, 108461.	1.1	3
125	Blood Glucose Control Strategy for Type 2 Diabetes Patients With COVID-19. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 593061.	1.1	3
126	Understanding the experiences of long-term maintenance of self-worth in persons with type 2 diabetes in Japan: a qualitative study. <i>BMJ Open</i> , 2020, 10, e034758.	0.8	3

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127	Factors Associated with Callus Formation in the Plantar Region through Gait Measurement in Patients with Diabetic Neuropathy: An Observational Case-Control Study. <i>Sensors</i> , 2020, 20, 4863.	2.1	3
128	Clinical Features of Type B Insulin Resistance in Japanese Patients: Case Report and Survey-Based Case Series Study. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-11.	1.0	3
129	Lack of Brain Insulin Receptor Substrate-1 Causes Growth Retardation, With Decreased Expression of Growth Hormone-Releasing Hormone in the Hypothalamus. <i>Diabetes</i> , 2021, 70, 1640-1653.	0.3	3
130	Chronic Intestinal Pseudo-obstruction with Mitochondrial Diseases. <i>Internal Medicine</i> , 2022, 61, 469-474.	0.3	3
131	Addressing screams for evidence on renoprotection by GLP-1 receptor agonists. <i>Kidney International</i> , 2022, 101, 222-224.	2.6	3
132	The sodium-glucose co-transporter 2 inhibitor tofogliflozin suppresses atherosclerosis through glucose lowering in ApoE-deficient mice with streptozotocin-induced diabetes. <i>Pharmacology Research and Perspectives</i> , 2022, 10, .	1.1	3
133	Elucidating exercise-induced skeletal muscle signaling pathways and applying relevant findings to preemptive therapy for lifestyle-related diseases. <i>Endocrine Journal</i> , 2022, 69, 1-8.	0.7	2
134	Effect of Branched-Chain Amino Acid Infusion on In-Hospital Mortality of Patients With Hepatic Encephalopathy and End-Stage Kidney Disease: A Retrospective Cohort Study Using a National Inpatient Database. , 2022, 32, 432-440.		2
135	Adaptive Response as a Potential Key Link Between SGLT2 Inhibition and Renoprotection. <i>Kidney International Reports</i> , 2021, 6, 2022-2024.	0.4	2
136	Risk for Proteinuria in Newly Defined Hypertensive People Based on the 2017 American College of Cardiology/American Heart Association Blood Pressure Guideline. <i>American Journal of Cardiology</i> , 2022, 168, 83-89.	0.7	2
137	A Machine Learning-Based Predictive Model to Identify Patients Who Failed to Attend a Follow-up Visit for Diabetes Care After Recommendations From a National Screening Program. <i>Diabetes Care</i> , 2022, 45, 1346-1354.	4.3	2
138	NFIA determines the cis-effect of genetic variation on Ucp1 expression in murinethermogenic adipocytes. <i>IScience</i> , 2022, 25, 104729.	1.9	2
139	Body-weight-independent glucose-lowering effect of the Î²3-adrenergic receptor agonist mirabegron in humans. <i>Journal of Diabetes Investigation</i> , 2021, 12, 689-690.	1.1	1
140	Genotype-Structure-Phenotype Correlations of Disease-Associated IGF1R Variants and Similarities to Those of INSR Variants. <i>Diabetes</i> , 2021, 70, 1874-1884.	0.3	1
141	Prediabetes in Young Adults and Its Association With Cardiovascular Health Metrics in the Progression to Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1843-1853.	1.8	1
142	Skin characteristics associated with foot callus in people with diabetes: A cross-sectional study focused on desmocollin1 in corneocytes. <i>Journal of Tissue Viability</i> , 2020, 29, 291-296.	0.9	0
143	Effect of Digital Health Among People With Type 2 Diabetes Mellitus During the COVID-19 Pandemic in Japan. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 256-258.	1.3	0
144	Adiponectin Receptors AdipoRs Action Mechanisms and Clinical Application-. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2016, 105, 1746-1752.	0.0	0

#	ARTICLE	IF	CITATIONS
145	AdipoRon: An anti-diabetes and anti-aging drug. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY62-3.	0.0	0
146	The adiponectin receptor: Physiology and pharmacology. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, CL-30.	0.0	0
147	5. Patients with Diabetes Difficult to Manage and Their Countermeasures. The Journal of the Japanese Society of Internal Medicine, 2018, 107, 1810-1818.	0.0	0