

# Hiroataka Watada

## List of Publications by Year in Descending Order

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

165  
papers

9,327  
citations

38  
h-index

95  
g-index

175  
ext. papers

10,835  
ext. citations

5.7  
avg, IF

5.3  
L-index

#	Paper	IF	Citations
165	Impact of micro- and macrovascular complications of type 2 diabetes on quality of life: Insights from the DISCOVER prospective cohort study.. <i>Endocrinology, Diabetes and Metabolism</i> , <b>2022</b> , e00321	2.7	1
164	Phase I/IIa Feasibility Trial of Autologous Quality- and Quantity-Cultured Peripheral Blood Mononuclear Cell Therapy for Non-Healing Extremity Ulcers.. <i>Stem Cells Translational Medicine</i> , <b>2022</b> , 11, 146-158	6.9	1
163	Quality of life in people with type 2 diabetes in the 3 years following initiation of second-line therapy: The DISCOVER study.. <i>Diabetes Research and Clinical Practice</i> , <b>2022</b> , 185, 109218	7.4	0
162	Incidence rates and predictors of microvascular and macrovascular complications in patients with type 2 diabetes: Results from the longitudinal global discover study. <i>American Heart Journal</i> , <b>2022</b> , 243, 232-239	4.9	4
161	Relationship between blood glucose variability in ambulatory glucose profile and standardized continuous glucose monitoring metrics: Subanalysis of a prospective cohort study. <i>Diabetes, Obesity and Metabolism</i> , <b>2022</b> , 24, 82-93	6.7	0
160	Spatial and transcriptional heterogeneity of pancreatic beta cell neogenesis revealed by a time-resolved reporter system.. <i>Diabetologia</i> , <b>2022</b> , 65, 811	10.3	0
159	Cumulative autophagy insufficiency in mice leads to progression of $\beta$ cell failure.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 611, 38-45	3.4	1
158	Socioeconomic Factors Associated With Glycemic Measurement and Poor HbA1c Control in People With Type 2 Diabetes: The Global DISCOVER Study.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 831676	5.7	0
157	Genetic ablation of p62/SQSTM1 demonstrates little effect on pancreatic $\beta$ cell function under autophagy deficiency.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 612, 99-104	3.4	1
156	An Investigation of Water Diffusivity Changes along the Perivascular Space in Elderly Subjects with Hypertension. <i>American Journal of Neuroradiology</i> , <b>2021</b> ,	4.4	3
155	Insulin resistance and muscle weakness are synergistic risk factors for silent lacunar infarcts: the Bunkyo Health Study. <i>Scientific Reports</i> , <b>2021</b> , 11, 21093	4.9	2
154	Short-term physical inactivity induces diacylglycerol accumulation and insulin resistance in muscle via lipin1 activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 321, E766-E781	6	1
153	Efficacy and safety of the fixed-ratio combination of insulin degludec and liraglutide by baseline glycated hemoglobin, body mass index and age in Japanese individuals with type 2 diabetes: A subgroup analysis of two phase III trials. <i>Journal of Diabetes Investigation</i> , <b>2021</b> , 12, 1610-1618	3.9	2
152	Associations between continuous glucose monitoring-derived metrics and diabetic retinopathy and albuminuria in patients with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , <b>2021</b> , 9,	4.5	4
151	Associations between second-line glucose-lowering combination therapies with metformin and HbA1c, body weight, quality of life, hypoglycaemic events and glucose-lowering treatment intensification: The DISCOVER study. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 1823-1833	6.7	1
150	Associations of continuous glucose monitoring-assessed glucose variability with intima-media thickness and ultrasonic tissue characteristics of the carotid arteries: a cross-sectional analysis in patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 95	8.7	4
149	Prevalence and progression of chronic kidney disease among patients with type 2 diabetes: Insights from the DISCOVER study. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 1956-1960	6.7	2

148	ALDH2 rs671 Is Associated With Elevated FPG, Reduced Glucose Clearance and Hepatic Insulin Resistance in Japanese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e3573-e3581	5.6	1
147	Glucotoxicity-induced suppression of Cox6a2 expression provokes $\beta$ cell dysfunction via augmented ROS production. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 556, 134-141	3.4	1
146	A Claims-Based Cohort Study on the Treatment Patterns of Japanese Patients with Type 2 Diabetes Mellitus and the Association of Early First Physician Visit with Time to Prescription of Oral Hypoglycemic Agents. <i>Diabetes Therapy</i> , <b>2021</b> , 12, 2035-2047	3.6	
145	Influence of Short-Term Dietary and Therapeutic Iodine Restriction on the Therapeutic Effects of Radioactive Iodine Therapy in Patients with Graves Disease. <i>Thyroid</i> , <b>2021</b> , 31, 439-445	6.2	1
144	Lower intake of saturated fatty acids is associated with persistently higher arterial stiffness in patients with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , <b>2021</b> , 12, 226-233	3.9	1
143	Ingestion of an exogenous ketone monoester improves the glycemic response during oral glucose tolerance test in individuals with impaired glucose tolerance: A cross-over randomized trial. <i>Journal of Diabetes Investigation</i> , <b>2021</b> , 12, 756-762	3.9	0
142	Global patterns of comprehensive cardiovascular risk factor control in patients with type 2 diabetes mellitus: Insights from the DISCOVER study. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 39-48	6.7	4
141	A decrease in plasma glucose levels is required for increased endogenous glucose production with a single administration of a sodium-glucose co-transporter-2 inhibitor tofogliflozin. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 1092-1100	6.7	2
140	Associations between continuous glucose monitoring-derived metrics and arterial stiffness in Japanese patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 15	8.7	7
139	Effect of thyroxine treatment on pregnancy outcomes in infertile Japanese women with TSH levels between 2.5 $\mu$ /mL and the upper reference limit: a retrospective study. <i>Endocrine Journal</i> , <b>2021</b> , 68, 171-177	2.9	0
138	Type 2 diabetes and heart failure: insights from the global DISCOVER study. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 1711-1716	3.7	6
137	Effects of Synbiotic Supplementation on Chronic Inflammation and the Gut Microbiota in Obese Patients with Type 2 Diabetes Mellitus: A Randomized Controlled Study. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	10
136	Inceptor intercepts insulin signaling in pancreatic $\beta$ cells. <i>Journal of Diabetes Investigation</i> , <b>2021</b> , 12, 1540-1541	3.5	0
135	Early versus late intensification of glucose-lowering therapy in patients with type 2 diabetes: Results from the DISCOVER study. <i>Diabetes Research and Clinical Practice</i> , <b>2021</b> , 178, 108947	7.4	0
134	What are the factors associated with long-term glycaemic control in patients with type 2 diabetes and elevated glycated haemoglobin ( $\geq 7.0\%$ ) at initiation of second-line therapy? Results from the DISCOVER study. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 2336-2343	6.7	1
133	Short-Term SGLT2 Inhibitor Administration Does Not Alter Systemic Insulin Clearance in Type 2 Diabetes. <i>Biomedicine</i> , <b>2021</b> , 9,	4.8	1
132	Efficacy and safety of oral semaglutide in Japanese patients with type 2 diabetes: A post hoc subgroup analysis of the PIONEER 1, 3, 4 and 8 trials. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 2785-2794	6.7	2
131	Ex vivo conditioning of peripheral blood mononuclear cells of diabetic patients promotes vasculogenic wound healing. <i>Stem Cells Translational Medicine</i> , <b>2021</b> , 10, 895-909	6.9	7

130	Three-Year Glycaemic Control and Management in Patients with Type 2 Diabetes Initiating Second-Line Treatment in Japan: A Prospective Observational Study, J-DISCOVER.. <i>Diabetes Therapy</i> , <b>2021</b> , 13, 251	3.6	0
129	Efficacy and Safety of 1:1 Fixed-Ratio Combination of Insulin Glargine and Lixisenatide Versus Lixisenatide in Japanese Patients With Type 2 Diabetes Inadequately Controlled on Oral Antidiabetic Drugs: The LixiLan JP-O1 Randomized Clinical Trial. <i>Diabetes Care</i> , <b>2020</b> , 43, 1249-1257	14.6	8
128	Effect of real-life insulin pump with predictive low-glucose management use for 3 months: Analysis of the patients treated in a Japanese center. <i>Journal of Diabetes Investigation</i> , <b>2020</b> , 11, 1564-1569	3.9	0
127	Socioeconomic factors associated with hypoglycaemia in patients starting second-line glucose-lowering therapy: The DISCOVER study. <i>Diabetes Research and Clinical Practice</i> , <b>2020</b> , 165, 1082304	7.4	3
126	Cost-Effectiveness Analysis of Linagliptin in Japan Based on Results from the Asian Subpopulation in the CARMELINA Trial. <i>Diabetes Therapy</i> , <b>2020</b> , 11, 1721-1734	3.6	1
125	Baseline Characteristics of Patients with Type 2 Diabetes Initiating Second-Line Treatment in Japan: Findings from the J-DISCOVER Study. <i>Diabetes Therapy</i> , <b>2020</b> , 11, 1563-1578	3.6	3
124	Current understanding of the effect of sodium-glucose co-transporter-2 inhibitors in Asian patients with diabetes mellitus. <i>Diabetology International</i> , <b>2020</b> , 11, 242-244	2.3	5
123	Biphasic changes in $\beta$ cell mass around parturition are accompanied by increased serotonin production. <i>Scientific Reports</i> , <b>2020</b> , 10, 4962	4.9	6
122	Characteristics associated with elevated 1-h plasma glucose levels during a 75-g oral glucose tolerance test in non-obese Japanese men. <i>Journal of Diabetes Investigation</i> , <b>2020</b> , 11, 1520-1523	3.9	1
121	Clinical evidence regarding factors linking metabolic abnormal obesity to pancreatic $\beta$ cell dysfunction. <i>Journal of Diabetes Investigation</i> , <b>2020</b> , 11, 798-800	3.9	1
120	Shape of the glucose response curve during an oral glucose tolerance test is associated with insulin clearance and muscle insulin sensitivity in healthy non-obese men. <i>Journal of Diabetes Investigation</i> , <b>2020</b> , 11, 874-877	3.9	2
119	Breakfast skipping is associated with persistently increased arterial stiffness in patients with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	3
118	Effect of Plasma Exchange in Thyroid Storm With Consideration of Its Distribution Into the Extravascular Space. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvaa023	0.4	0
117	Glycaemic control in patients with type 2 diabetes initiating second-line therapy: Results from the global DISCOVER study programme. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 66-78	6.7	8
116	Conversion of pancreatic $\beta$ cells into insulin-producing cells modulated by $\beta$ cell insufficiency and supplemental insulin administration. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 521, 178-183	3.4	1
115	Linagliptin and cardiorenal outcomes in Asians with type 2 diabetes mellitus and established cardiovascular and/or kidney disease: subgroup analysis of the randomized CARMELINA trial. <i>Diabetology International</i> , <b>2020</b> , 11, 129-141	2.3	13
114	Efficacy and safety of dapagliflozin in Japanese patients with inadequately controlled type 1 diabetes (DEPICT-5): 52-week results from a randomized, open-label, phase III clinical trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 540-548	6.7	12
113	IDegLira Improves Glycemic Control in Japanese Patients with Uncontrolled Type 2 Diabetes on Premixed Insulin Therapy. <i>Diabetes Therapy</i> , <b>2020</b> , 11, 331-339	3.6	3

112	Benefits of the fixed-ratio combination of insulin glargine 100 units/mL and lixisenatide (iGlarLixi) in Japanese people with type 2 diabetes: A subgroup and time-to-control analysis of the LixiLan JP phase 3 trials. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22 Suppl 4, 35-47	6.7	1
111	Metformin discontinuation in patients beginning second-line glucose-lowering therapy: results from the global observational DISCOVER study programme. <i>BMJ Open</i> , <b>2020</b> , 10, e034613	3	0
110	Evidence-based comparison of glucagon-like peptide receptor agonists and sodium-glucose cotransporter2 inhibitors. <i>Journal of Diabetes Investigation</i> , <b>2020</b> , 11, 17-19	3.9	3
109	Higher C-Peptide Level During Glucose Clamp Is Associated With Muscle Insulin Resistance in Nonobese Japanese Men. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 1847-1857	0.4	6
108	Clinical Features of Nonobese, Apparently Healthy, Japanese Men With Reduced Adipose Tissue Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2325-2333	5.6	19
107	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 (SCOPUS) <i>Journal of Diabetes Investigation</i> , <b>2019</b> , 10, 117-125	6.7	12
106	Effect of Additional Oral Semaglutide vs Sitagliptin on Glycated Hemoglobin in Adults With Type 2 Diabetes Uncontrolled With Metformin Alone or With Sulfonylurea: The PIONEER 3 Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 1466-1480	27.4	138
105	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> , <b>2019</b> , 21, 1737-1744	6.7	27
104	Treatment of type 2 diabetes mellitus worldwide: Baseline patient characteristics in the global DISCOVER study. <i>Diabetes Research and Clinical Practice</i> , <b>2019</b> , 151, 20-32	7.4	31
103	Three days of a eucaloric, low-carbohydrate/high-fat diet increases insulin clearance in healthy non-obese Japanese men. <i>Scientific Reports</i> , <b>2019</b> , 9, 3857	4.9	3
102	Superior HbA1c control with the fixed-ratio combination of insulin degludec and liraglutide (IDegLira) compared with a maximum dose of 50 units of insulin degludec in Japanese individuals with type 2 diabetes in a phase 3, double-blind, randomized trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 2694-2703	6.7	13
101	Treatment patterns and associated factors in 14 668 people with type 2 diabetes initiating a second-line therapy: Results from the global DISCOVER study programme. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 2474-2485	6.7	19
100	Fatty Liver Has Stronger Association With Insulin Resistance Than Visceral Fat Accumulation in Nonobese Japanese Men. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 1409-1416	0.4	14
99	Protocol of a Prospective Observational Study on the Relationship Between Glucose Fluctuation and Cardiovascular Events in Patients with Type 2 Diabetes. <i>Diabetes Therapy</i> , <b>2019</b> , 10, 1565-1575	3.6	9
98	Establishment of a system for screening autophagic flux regulators using a modified fluorescent reporter and CRISPR/Cas9. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 516, 686-692	3.4	4
97	Cellular Autophagy in Cells Plays a Role in the Maintenance of Islet Architecture. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 1979-1992	0.4	2
96	420-P: Micro- and Macrovascular Events in Patients with T2D Results from the Global DISCOVER Study. <i>Diabetes</i> , <b>2019</b> , 68, 420-P	0.9	2
95	Unappreciated role of low-density lipoprotein receptor-related protein 1 in pancreatic $\beta$ cells: Multiple roles of low-density lipoprotein receptor-related protein 1 in glucose and lipid metabolism. <i>Journal of Diabetes Investigation</i> , <b>2019</b> , 10, 216-218	3.9	0

94	Steno-Stiffness Approach for Cardiovascular Disease Risk Assessment in Primary Prevention. <i>Hypertension</i> , <b>2019</b> , 73, 508-513	8.5	6
93	Pharmacokinetics and pharmacodynamics of dapagliflozin in combination with insulin in Japanese patients with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 876-882	6.7	12
92	G protein-coupled receptor 119 agonist DS-8500a effects on pancreatic $\beta$ cells in Japanese type 2 diabetes mellitus patients. <i>Journal of Diabetes Investigation</i> , <b>2019</b> , 10, 84-93	3.9	9
91	Efficacy and safety of the G protein-coupled receptor 119 agonist DS-8500a in Japanese type 2 diabetes mellitus patients with inadequate glycemic control on sitagliptin: A phase 2 randomized placebo-controlled study. <i>Journal of Diabetes Investigation</i> , <b>2018</b> , 9, 1333-1341	3.9	9
90	Simultaneously Measured Interarm Blood Pressure Difference and Stroke: An Individual Participants Data Meta-Analysis. <i>Hypertension</i> , <b>2018</b> , 71, 1030-1038	8.5	17
89	Heterogeneity of autophagic status in pancreatic $\beta$ cells under metabolic stress. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 496, 328-334	3.4	7
88	Effects of Pemafibrate, a Novel Selective PPAR $\alpha$ 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> , <b>2018</b> , 41, 538-546	14.6	89
87	Rationale and Design for the J-DISCOVER Study: DISCOVERing the Treatment Reality of Type 2 Diabetes in a Real-World Setting in Japan-A Protocol. <i>Diabetes Therapy</i> , <b>2018</b> , 9, 165-175	3.6	16
86	Quality-Quantity Control Culture Enhances Vasculogenesis and Wound Healing Efficacy of Human Diabetic Peripheral Blood CD34+ Cells. <i>Stem Cells Translational Medicine</i> , <b>2018</b> , 7, 428-438	6.9	16
85	Guidelines for clinical evaluation of chronic kidney disease : AMED research on regulatory science of pharmaceuticals and medical devices. <i>Clinical and Experimental Nephrology</i> , <b>2018</b> , 22, 1446-1475	2.5	13
84	Defective autophagy in vascular smooth muscle cells enhances cell death and atherosclerosis. <i>Autophagy</i> , <b>2018</b> , 14, 1991-2006	10.2	70
83	Vascular complications in patients with type 2 diabetes: prevalence and associated factors in 38 countries (the DISCOVER study program). <i>Cardiovascular Diabetology</i> , <b>2018</b> , 17, 150	8.7	73
82	Suppression of STAT3 signaling promotes cellular reprogramming into insulin-producing cells induced by defined transcription factors. <i>EBioMedicine</i> , <b>2018</b> , 36, 358-366	8.8	5
81	Defective autophagy in vascular smooth muscle cells enhances atherosclerotic plaque instability. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 505, 1141-1147	3.4	16
80	Pancreatic islet-autonomous insulin and smoothed-mediated signalling modulate identity changes of glucagon $\beta$ cells. <i>Nature Cell Biology</i> , <b>2018</b> , 20, 1267-1277	23.4	29
79	Ankle-brachial index measured by oscillometry is predictive for cardiovascular disease and premature death in the Japanese population: An individual participant data meta-analysis. <i>Atherosclerosis</i> , <b>2018</b> , 275, 141-148	3.1	18
78	Mafa Enables Pdx1 to Effectively Convert Pancreatic Islet Progenitors and Committed Islet $\beta$ Cells Into $\beta$ Cells In Vivo. <i>Diabetes</i> , <b>2017</b> , 66, 1293-1300	0.9	33
77	Towards an improved global understanding of treatment and outcomes in people with type 2 diabetes: Rationale and methods of the DISCOVER observational study program. <i>Journal of Diabetes and Its Complications</i> , <b>2017</b> , 31, 1188-1196	3.2	37

76	Effects of alcohol abstinence on glucose metabolism in Japanese men with elevated fasting glucose: A pilot study. <i>Scientific Reports</i> , <b>2017</b> , 7, 40277	4.9	6
75	Preserving expression of Pdx1 improves $\beta$ cell failure in diabetic mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 483, 418-424	3.4	16
74	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> , <b>2017</b> , 5, 951-964	18.1	141
73	Proposed Cutoff Value of Brachial-Ankle Pulse Wave Velocity for the Management of Hypertension. <i>Circulation Journal</i> , <b>2017</b> , 81, 1540-1542	2.9	18
72	Relationships between lifestyle patterns and cardio-renal-metabolic parameters in patients with type 2 diabetes mellitus: A cross-sectional study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173540	3.7	4
71	Impaired peripheral insulin sensitivity in non-obese Japanese patients with type 2 diabetes mellitus and fatty liver. <i>Journal of Diabetes Investigation</i> , <b>2017</b> , 9, 529	3.9	12
70	Correlates of insulin clearance in apparently healthy non-obese Japanese men. <i>Scientific Reports</i> , <b>2017</b> , 7, 1462	4.9	21
69	Disorganized Steroidogenesis in Adrenocortical Carcinoma, a Case Study. <i>Endocrine Pathology</i> , <b>2017</b> , 28, 27-35	4.2	7
68	Comparison of the therapeutic effects of prednisolone and nonsteroidal anti-inflammatory drugs in patients with subacute thyroiditis. <i>Endocrine</i> , <b>2017</b> , 55, 209-214	4	18
67	Relationships Among Conventional Cardiovascular Risk Factors and Lifestyle Habits With Arterial Stiffness in Type 2 Diabetic Patients. <i>Journal of Clinical Medicine Research</i> , <b>2017</b> , 9, 297-302	2.9	7
66	Chronology of endocrine differentiation and beta-cell neogenesis. <i>Endocrine Journal</i> , <b>2016</b> , 63, 205-11	2.9	6
65	Relation Between Insulin Sensitivity and Metabolic Abnormalities in Japanese Men With BMI of 23-25 kg/m. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3676-3684	5.6	48
64	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , <b>2016</b> , 7, 10531	17.4	99
63	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
62	Increased intramyocellular lipid/impaired insulin sensitivity is associated with altered lipid metabolic genes in muscle of high responders to a high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 310, E32-40	6	26
61	Evanescent Hyperechoic Changes After Fine-Needle Aspiration Biopsy of the Thyroid in a Series With a Low Overall Prevalence of Complications. <i>Journal of Ultrasound in Medicine</i> , <b>2016</b> , 35, 599-604	2.9	3
60	Acarbose reduces body weight irrespective of glycemic control in patients with diabetes: results of a worldwide, non-interventional, observational study data pool. <i>Journal of Diabetes and Its Complications</i> , <b>2016</b> , 30, 628-37	3.2	18
59	Relationship between dietary patterns and risk factors for cardiovascular disease in patients with type 2 diabetes mellitus: a cross-sectional study. <i>Nutrition Journal</i> , <b>2016</b> , 15, 15	4.3	16

58	Golgi membrane-associated degradation pathway in yeast and mammals. <i>EMBO Journal</i> , <b>2016</b> , 35, 1991-2007	4.7	47
57	Preserving Mafa expression in diabetic islet $\beta$ cells improves glycemic control in vivo. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 7647-57	5.4	39
56	Poor sleep quality is associated with increased arterial stiffness in Japanese patients with type 2 diabetes mellitus. <i>BMC Endocrine Disorders</i> , <b>2015</b> , 15, 29	3.3	33
55	Activation of GLP-1 and gastrin signalling induces in vivo reprogramming of pancreatic exocrine cells into beta cells in mice. <i>Diabetologia</i> , <b>2015</b> , 58, 2582-91	10.3	23
54	Uncovering the mechanisms of beta-cell neogenesis and maturation toward development of a regenerative therapy for diabetes. <i>Diabetology International</i> , <b>2015</b> , 6, 261-267	2.3	4
53	Coronary microvascular function is independently associated with left ventricular filling pressure in patients with type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , <b>2015</b> , 14, 98	8.7	38
52	Effect of Repetitive Glucose Spike and Hypoglycaemia on Atherosclerosis and Death Rate in Apo E-Deficient Mice. <i>International Journal of Endocrinology</i> , <b>2015</b> , 2015, 406394	2.7	9
51	Effects of sitagliptin on ectopic fat contents and glucose metabolism in type 2 diabetic patients with fatty liver: A pilot study. <i>Journal of Diabetes Investigation</i> , <b>2015</b> , 6, 164-72	3.9	18
50	Relationship between dietary pattern and cognitive function in elderly patients with type 2 diabetes mellitus. <i>Journal of International Medical Research</i> , <b>2015</b> , 43, 506-17	1.4	8
49	Minireview: Autophagy in pancreatic $\beta$ cells and its implication in diabetes. <i>Molecular Endocrinology</i> , <b>2015</b> , 29, 338-48		62
48	Genome-wide association study identifies three novel loci for type 2 diabetes. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 239-46	5.6	138
47	Chronological analysis with fluorescent timer reveals unique features of newly generated $\beta$ cells. <i>Diabetes</i> , <b>2014</b> , 63, 3388-93	0.9	11
46	Increased expression of ERp57/GRP58 is protective against pancreatic beta cell death caused by autophagic failure. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 453, 19-24	3.4	10
45	Rationale, design, and baseline characteristics of a clinical trial for prevention of atherosclerosis in patients with insulin-treated type 2 diabetes mellitus using DPP-4 inhibitor: the Sitagliptin Preventive study of Intima-media thickness Evaluation (SPIKE). <i>Diabetology and Metabolic Syndrome</i> , <b>2014</b> , 6, 1-10	5.6	16
44	Efficacy and safety of monotherapy with the novel sodium/glucose cotransporter-2 inhibitor tofogliflozin in Japanese patients with type 2 diabetes mellitus: a combined Phase 2 and 3 randomized, placebo-controlled, double-blind, parallel-group comparative study. <i>Cardiovascular Diabetology</i> , <b>2014</b> , 13, 65	8.7	135
43	Repetitive hypoglycemia increases circulating adrenaline level with resultant worsening of intimal thickening after vascular injury in male Goto-Kakizaki rat carotid artery. <i>Endocrinology</i> , <b>2014</b> , 155, 2244-53	4.8	7
42	Effect of AST-120 on Endothelial Dysfunction in Adenine-Induced Uremic Rats. <i>International Journal of Nephrology</i> , <b>2014</b> , 2014, 164125	1.7	15
41	Morningness-eveningness questionnaire score and metabolic parameters in patients with type 2 diabetes mellitus. <i>Chronobiology International</i> , <b>2014</b> , 31, 1017-23	3.6	38



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33	The PREDICTIVETM Study: a multinational, prospective observational study to evaluate the safety and efficacy of insulin detemir treatment in patients with type 1 and 2 diabetes—data from the Japan cohort. <i>Diabetology International</i> , <b>2012</b> , 3, 11-20	2.3	1
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