

Hiroataka Watada

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165
papers

9,327
citations

38
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95
g-index

175
ext. papers

10,835
ext. citations

5.7
avg, IF

5.3
L-index

#	Paper	IF	Citations
165	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
164	Autophagy is important in islet homeostasis and compensatory increase of beta cell mass in response to high-fat diet. <i>Cell Metabolism</i> , 2008 , 8, 325-32	24.6	582
163	Inhibition of monocyte adhesion to endothelial cells and attenuation of atherosclerotic lesion by a glucagon-like peptide-1 receptor agonist, exendin-4. <i>Diabetes</i> , 2010 , 59, 1030-7	0.9	380
162	Effects of diet and exercise on muscle and liver intracellular lipid contents and insulin sensitivity in type 2 diabetic patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3191-6	5.6	252
161	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
160	The emerging role of autophagy in the pathophysiology of diabetes mellitus. <i>Autophagy</i> , 2011 , 7, 2-11	10.2	206
159	The diabetes-susceptible gene SLC30A8/ZnT8 regulates hepatic insulin clearance. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4513-24	15.9	166
158	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
157	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> , 2019 , 321, 1466-1480	27.4	138
156	Genome-wide association study identifies three novel loci for type 2 diabetes. <i>Human Molecular Genetics</i> , 2014 , 23, 239-46	5.6	138
155	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> , 2014 , 13, 65	8.7	135
154	Repetitive fluctuations in blood glucose enhance monocyte adhesion to the endothelium of rat thoracic aorta. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2275-80	9.4	129
153	Anagliptin, a DPP-4 inhibitor, suppresses proliferation of vascular smooth muscles and monocyte inflammatory reaction and attenuates atherosclerosis in male apo E-deficient mice. <i>Endocrinology</i> , 2013 , 154, 1260-70	4.8	128
152	Human IAPP-induced pancreatic β cell toxicity and its regulation by autophagy. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3634-44	15.9	125
151	Persistent expression of PDX-1 in the pancreas causes acinar-to-ductal metaplasia through Stat3 activation. <i>Genes and Development</i> , 2006 , 20, 1435-40	12.6	120
150	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
149	Effects of diet-induced moderate weight reduction on intrahepatic and intramyocellular triglycerides and glucose metabolism in obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3326-9	5.6	96

148	Effects of Pemafibrate, a Novel Selective PPAR α Modulator, on Lipid and Glucose Metabolism in Patients With Type 2 Diabetes and Hypertriglyceridemia: A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial. <i>Diabetes Care</i> , 2018 , 41, 538-546	14.6	89
147	A single-nucleotide polymorphism in ANK1 is associated with susceptibility to type 2 diabetes in Japanese populations. <i>Human Molecular Genetics</i> , 2012 , 21, 3042-9	5.6	86
146	In vivo and in vitro inhibition of monocyte adhesion to endothelial cells and endothelial adhesion molecules by eicosapentaenoic acid. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2173-9	9.4	86
145	Exendin-4, a glucagon-like peptide-1 receptor agonist, reduces intimal thickening after vascular injury. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 405, 79-84	3.4	85
144	Neurogenin3 inhibits proliferation in endocrine progenitors by inducing Cdkn1a. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 185-90	11.5	84
143	The role of autophagy in pancreatic beta-cell and diabetes. <i>Autophagy</i> , 2009 , 5, 280-2	10.2	79
142	Vascular complications in patients with type 2 diabetes: prevalence and associated factors in 38 countries (the DISCOVER study program). <i>Cardiovascular Diabetology</i> , 2018 , 17, 150	8.7	73
141	Defective autophagy in vascular smooth muscle cells enhances cell death and atherosclerosis. <i>Autophagy</i> , 2018 , 14, 1991-2006	10.2	70
140	Minireview: Autophagy in pancreatic β cells and its implication in diabetes. <i>Molecular Endocrinology</i> , 2015 , 29, 338-48		62
139	Protein kinase C δ plays a non-redundant role in insulin secretion in pancreatic beta cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 2707-16	5.4	58
138	Swings in blood glucose levels accelerate atherogenesis in apolipoprotein E-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 358, 679-85	3.4	53
137	Exendin-4 improves β cell function in autophagy-deficient β cells. <i>Endocrinology</i> , 2013 , 154, 4512-24	4.8	51
136	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> , 2016 , 101, 3676-3684	5.6	48
135	Golgi membrane-associated degradation pathway in yeast and mammals. <i>EMBO Journal</i> , 2016 , 35, 1991-2007	1.9	47
134	Effects of exendin-4 on glucose tolerance, insulin secretion, and beta-cell proliferation depend on treatment dose, treatment duration and meal contents. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 390, 809-14	3.4	44
133	Acarbose, an alpha-glucosidase inhibitor, improves endothelial dysfunction in Goto-Kakizaki rats exhibiting repetitive blood glucose fluctuation. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 345, 688-93	3.4	41
132	Chronology of islet differentiation revealed by temporal cell labeling. <i>Diabetes</i> , 2009 , 58, 1863-8	0.9	40
131	Preserving Mafa expression in diabetic islet β cells improves glycemic control in vivo. <i>Journal of Biological Chemistry</i> , 2015 , 290, 7647-57	5.4	39

130	Role of VEGF-A in pancreatic beta cells. <i>Endocrine Journal</i> , 2010 , 57, 185-91	2.9	39
129	Coronary microvascular function is independently associated with left ventricular filling pressure in patients with type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2015 , 14, 98	8.7	38
128	Morningness-eveningness questionnaire score and metabolic parameters in patients with type 2 diabetes mellitus. <i>Chronobiology International</i> , 2014 , 31, 1017-23	3.6	38
127	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> , 2017 , 31, 1188-1196	3.2	37
126	Autophagy in health and disease. 4. The role of pancreatic beta-cell autophagy in health and diabetes. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 299, C1-6	5.4	37
125	Downregulation of ZnT8 expression in pancreatic β cells of diabetic mice. <i>Islets</i> , 2009 , 1, 124-8	2	37
124	Masked hypertension, endothelial dysfunction, and arterial stiffness in type 2 diabetes mellitus: a pilot study. <i>American Journal of Hypertension</i> , 2012 , 25, 165-70	2.3	35
123	Mafa Enables Pdx1 to Effectively Convert Pancreatic Islet Progenitors and Committed Islet β Cells Into β Cells In Vivo. <i>Diabetes</i> , 2017 , 66, 1293-1300	0.9	33
122	Poor sleep quality is associated with increased arterial stiffness in Japanese patients with type 2 diabetes mellitus. <i>BMC Endocrine Disorders</i> , 2015 , 15, 29	3.3	33
121	Treatment of type 2 diabetes mellitus worldwide: Baseline patient characteristics in the global DISCOVER study. <i>Diabetes Research and Clinical Practice</i> , 2019 , 151, 20-32	7.4	31
120	Pancreatic islet-autonomous insulin and smoothed-mediated signalling modulate identity changes of glucagon β cells. <i>Nature Cell Biology</i> , 2018 , 20, 1267-1277	23.4	29
119	Determinants of intramyocellular lipid accumulation after dietary fat loading in non-obese men. <i>Journal of Diabetes Investigation</i> , 2011 , 2, 310-7	3.9	28
118	A new En face method is useful to quantitate endothelial damage in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 309, 384-90	3.4	28
117	Efficacy and safety of pemafibrate in people with type 2 diabetes and elevated triglyceride levels: 52-week data from the PROVIDE study. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1737-1744	6.7	27
116	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> , 2016 , 310, E32-40	6	26
115	Morningness-eveningness questionnaire score correlates with glycated hemoglobin in middle-aged male workers with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2013 , 4, 376-81	3.9	24
114	Activation of GLP-1 and gastrin signalling induces in vivo reprogramming of pancreatic exocrine cells into beta cells in mice. <i>Diabetologia</i> , 2015 , 58, 2582-91	10.3	23
113	Presence of alpha-smooth muscle actin-positive endothelial cells in the luminal surface of adult aorta. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 380, 620-6	3.4	23

112	Correlates of insulin clearance in apparently healthy non-obese Japanese men. <i>Scientific Reports</i> , 2017 , 7, 1462	4.9	21
111	Clinical Features of Nonobese, Apparently Healthy, Japanese Men With Reduced Adipose Tissue Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2325-2333	5.6	19
110	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> , 2019 , 21, 2474-2485	6.7	19
109	Proposed Cutoff Value of Brachial-Ankle Pulse Wave Velocity for the Management of Hypertension. <i>Circulation Journal</i> , 2017 , 81, 1540-1542	2.9	18
108	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> , 2016 , 30, 628-37	3.2	18
107	Comparison of the therapeutic effects of prednisolone and nonsteroidal anti-inflammatory drugs in patients with subacute thyroiditis. <i>Endocrine</i> , 2017 , 55, 209-214	4	18
106	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> , 2015 , 6, 164-72	3.9	18
105	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> , 2018 , 275, 141-148	3.1	18
104	Simultaneously Measured Interarm Blood Pressure Difference and Stroke: An Individual Participants Data Meta-Analysis. <i>Hypertension</i> , 2018 , 71, 1030-1038	8.5	17
103	Preserving expression of Pdx1 improves β cell failure in diabetic mice. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 483, 418-424	3.4	16
102	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> , 2018 , 9, 165-175	3.6	16
101	Quality-Quantity Control Culture Enhances Vasculogenesis and Wound Healing Efficacy of Human Diabetic Peripheral Blood CD34+ Cells. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 428-438	6.9	16
100	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> , 2014 , 6, 35	5.6	16
99	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> , 2016 , 15, 15	4.3	16
98	Normal islet vascularization is dispensable for expansion of beta-cell mass in response to high-fat diet induced insulin resistance. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 383, 303-7	3.4	16
97	Defective autophagy in vascular smooth muscle cells enhances atherosclerotic plaque instability. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 1141-1147	3.4	16
96	Effect of AST-120 on Endothelial Dysfunction in Adenine-Induced Uremic Rats. <i>International Journal of Nephrology</i> , 2014 , 2014, 164125	1.7	15
95	Fatty Liver Has Stronger Association With Insulin Resistance Than Visceral Fat Accumulation in Nonobese Japanese Men. <i>Journal of the Endocrine Society</i> , 2019 , 3, 1409-1416	0.4	14

94	Guidelines for clinical evaluation of chronic kidney disease : AMED research on regulatory science of pharmaceuticals and medical devices. <i>Clinical and Experimental Nephrology</i> , 2018 , 22, 1446-1475	2.5	13
93	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> , 2020 , 22, 540-548	6.7	13
92	Impact of insulin resistance on enhanced monocyte adhesion to endothelial cells and atherosclerosis independent of LDL cholesterol level. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 395, 477-83	3.4	13
91	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> , 2020 , 11, 129-141	2.3	13
90	Identification of subgroups of patients with type 2 diabetes with differences in renal function preservation, comparing patients receiving sodium-glucose co-transporter-2 inhibitors with those receiving dipeptidyl peptidase-4 inhibitors, using a supervised machine-learning algorithm (PROFILE study): A retrospective analysis of a Japanese commercial medical database. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 540-548	6.7	12
89	Impaired peripheral insulin sensitivity in non-obese Japanese patients with type 2 diabetes mellitus and fatty liver. <i>Journal of Diabetes Investigation</i> , 2017 , 9, 529	3.9	12
88	Transcription factors as therapeutic targets for diabetes. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 1431-42	6.4	12
87	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> , 2020 , 22, 540-548	6.7	12
86	Pharmacokinetics and pharmacodynamics of dapagliflozin in combination with insulin in Japanese patients with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 876-882	6.7	12
85	Chronological analysis with fluorescent timer reveals unique features of newly generated β cells. <i>Diabetes</i> , 2014 , 63, 3388-93	0.9	11
84	Sequential introduction and dosage balance of defined transcription factors affect reprogramming efficiency from pancreatic duct cells into insulin-producing cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 444, 514-9	3.4	11
83	Increased expression of ERp57/GRP58 is protective against pancreatic beta cell death caused by autophagic failure. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 453, 19-24	3.4	10
82	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> , 2021 , 13,	6.7	10
81	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> , 2018 , 9, 1333-1341	3.9	9
80	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> , 2019 , 10, 1565-1575	3.6	9
79	Effect of Repetitive Glucose Spike and Hypoglycaemia on Atherosclerosis and Death Rate in Apo E-Deficient Mice. <i>International Journal of Endocrinology</i> , 2015 , 2015, 406394	2.7	9
78	Replication study for the association of rs391300 in SRR and rs17584499 in PTPRD with susceptibility to type 2 diabetes in a Japanese population. <i>Journal of Diabetes Investigation</i> , 2013 , 4, 168-73	3.9	9
77	G protein-coupled receptor 119 agonist DS-8500a effects on pancreatic β cells in Japanese type 2 diabetes mellitus patients. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 84-93	3.9	9

76	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> , 2020 , 43, 1249-1257	14.6	8
75	Relationship between dietary pattern and cognitive function in elderly patients with type 2 diabetes mellitus. <i>Journal of International Medical Research</i> , 2015 , 43, 506-17	1.4	8
74	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> , 2020 , 22, 66-78	6.7	8
73	Heterogeneity of autophagic status in pancreatic β cells under metabolic stress. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 496, 328-334	3.4	7
72	Disorganized Steroidogenesis in Adrenocortical Carcinoma, a Case Study. <i>Endocrine Pathology</i> , 2017 , 28, 27-35	4.2	7
71	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> , 2014 , 155, 2244-53	4.8	7
70	IRS-2 deficiency in macrophages promotes their accumulation in the vascular wall. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 415, 545-50	3.4	7
69	Roles of autophagy in pancreatic β cell function and type 2 diabetes. <i>Diabetology International</i> , 2011 , 2, 1-9	2.3	7
68	Relationships Among Conventional Cardiovascular Risk Factors and Lifestyle Habits With Arterial Stiffness in Type 2 Diabetic Patients. <i>Journal of Clinical Medicine Research</i> , 2017 , 9, 297-302	2.9	7
67	Associations between continuous glucose monitoring-derived metrics and arterial stiffness in Japanese patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2021 , 20, 15	8.7	7
66	Ex vivo conditioning of peripheral blood mononuclear cells of diabetic patients promotes vasculogenic wound healing. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 895-909	6.9	7
65	Effects of alcohol abstinence on glucose metabolism in Japanese men with elevated fasting glucose: A pilot study. <i>Scientific Reports</i> , 2017 , 7, 40277	4.9	6
64	Higher C-Peptide Level During Glucose Clamp Is Associated With Muscle Insulin Resistance in Nonobese Japanese Men. <i>Journal of the Endocrine Society</i> , 2019 , 3, 1847-1857	0.4	6
63	Biphasic changes in β cell mass around parturition are accompanied by increased serotonin production. <i>Scientific Reports</i> , 2020 , 10, 4962	4.9	6
62	Chronology of endocrine differentiation and beta-cell neogenesis. <i>Endocrine Journal</i> , 2016 , 63, 205-11	2.9	6
61	Steno-Stiffness Approach for Cardiovascular Disease Risk Assessment in Primary Prevention. <i>Hypertension</i> , 2019 , 73, 508-513	8.5	6
60	Type 2 diabetes and heart failure: insights from the global DISCOVER study. <i>ESC Heart Failure</i> , 2021 , 8, 1711-1716	3.7	6
59	Current understanding of the effect of sodium-glucose co-transporter-2 inhibitors in Asian patients with diabetes mellitus. <i>Diabetology International</i> , 2020 , 11, 242-244	2.3	5

58	Suppression of STAT3 signaling promotes cellular reprogramming into insulin-producing cells induced by defined transcription factors. <i>EBioMedicine</i> , 2018 , 36, 358-366	8.8	5
57	Relationships between lifestyle patterns and cardio-renal-metabolic parameters in patients with type 2 diabetes mellitus: A cross-sectional study. <i>PLoS ONE</i> , 2017 , 12, e0173540	3.7	4
56	Establishment of a system for screening autophagic flux regulators using a modified fluorescent reporter and CRISPR/Cas9. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 516, 686-692	3.4	4
55	Uncovering the mechanisms of beta-cell neogenesis and maturation toward development of a regenerative therapy for diabetes. <i>Diabetology International</i> , 2015 , 6, 261-267	2.3	4
54	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> , 2022 , 243, 232-239	4.9	4
53	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> , 2021 , 9,	4.5	4
52	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> , 2021 , 20, 95	8.7	4
51	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> , 2021 , 23, 39-48	6.7	4
50	Three days of a eucaloric, low-carbohydrate/high-fat diet increases insulin clearance in healthy non-obese Japanese men. <i>Scientific Reports</i> , 2019 , 9, 3857	4.9	3
49	Socioeconomic factors associated with hypoglycaemia in patients starting second-line glucose-lowering therapy: The DISCOVER study. <i>Diabetes Research and Clinical Practice</i> , 2020 , 165, 108230 [†]	7.4	3
48	Baseline Characteristics of Patients with Type 2 Diabetes Initiating Second-Line Treatment in Japan: Findings from the J-DISCOVER Study. <i>Diabetes Therapy</i> , 2020 , 11, 1563-1578	3.6	3
47	Breakfast skipping is associated with persistently increased arterial stiffness in patients with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	3
46	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> , 2016 , 35, 599-604	2.9	3
45	Association of T2 relaxation time determined by magnetic resonance imaging and intramyocellular lipid content of the soleus muscle in healthy subjects. <i>Journal of Diabetes Investigation</i> , 2011 , 2, 356-8	3.9	3
44	An Investigation of Water Diffusivity Changes along the Perivascular Space in Elderly Subjects with Hypertension. <i>American Journal of Neuroradiology</i> , 2021 ,	4.4	3
43	IDegLira Improves Glycemic Control in Japanese Patients with Uncontrolled Type 2 Diabetes on Premixed Insulin Therapy. <i>Diabetes Therapy</i> , 2020 , 11, 331-339	3.6	3
42	Evidence-based comparison of glucagon-like peptide receptor agonists and sodium-glucose cotransporter 2 inhibitors. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 17-19	3.9	3
41	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> , 2020 , 11, 874-877	3.9	2

40	Cellular Autophagy in Cells Plays a Role in the Maintenance of Islet Architecture. <i>Journal of the Endocrine Society</i> , 2019 , 3, 1979-1992	0.4	2
39	420-P: Micro- and Macrovascular Events in Patients with T2D Results from the Global DISCOVER Study. <i>Diabetes</i> , 2019 , 68, 420-P	0.9	2
38	Insulin resistance and muscle weakness are synergistic risk factors for silent lacunar infarcts: the Bunkyo Health Study. <i>Scientific Reports</i> , 2021 , 11, 21093	4.9	2
37	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> , 2021 , 12, 1610-1618	3.9	2
36	Prevalence and progression of chronic kidney disease among patients with type 2 diabetes: Insights from the DISCOVER study. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 1956-1960	6.7	2
35	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> , 2021 , 23, 1092-1100	6.7	2
34	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> , 2021 , 23, 2785-2794	6.7	2
33	Cost-Effectiveness Analysis of Linagliptin in Japan Based on Results from the Asian Subpopulation in the CARMELINA Trial. <i>Diabetes Therapy</i> , 2020 , 11, 1721-1734	3.6	1
32	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> , 2020 , 11, 1520-1523	3.9	1
31	Clinical evidence regarding factors linking metabolic abnormal obesity to pancreatic β cell dysfunction. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 798-800	3.9	1
30	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> , 2012 , 3, 11-20	2.3	1
29	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> , 2022 , e00321	2.7	1
28	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> , 2022 , 11, 146-158	6.9	1
27	Short-term physical inactivity induces diacylglycerol accumulation and insulin resistance in muscle via lipin1 activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 321, E766-E781	6.9	1
26	Conversion of pancreatic β cells into insulin-producing cells modulated by β cell insufficiency and supplemental insulin administration. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 178-183	3.4	1
25	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> , 2020 , 22 Suppl 4, 35-47	6.7	1
24	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> , 2021 , 23, 1823-1833	6.7	1
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