

Takashi Kadowaki

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.

278
papers

27,598
citations

61
h-index

165
g-index

309
ext. papers

31,075
ext. citations

9.3
avg, IF

6.52
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 278 | 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 , | 18.1 | 11 |
| 277 | 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 | 3 | 1 |
| 276 | Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 , | 36.3 | 7 |
| 275 | 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> , 2021 , 13, 1-30 | 2.3 | 1 |
| 274 | LPL/AQP7/GPD2 promotes glycerol metabolism under hypoxia and prevents cardiac dysfunction during ischemia. <i>FASEB Journal</i> , 2021 , 35, e22048 | 0.9 | 1 |
| 273 | Role of Insulin Resistance in MAFLD. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 16 |
| 272 | Effects of anti-diabetes medications on cardiovascular and kidney outcomes in Asian patients with type 2 diabetes: a rapid evidence assessment and narrative synthesis. <i>Expert Opinion on Drug Safety</i> , 2021 , 20, 707-720 | 4.1 | 2 |
| 271 | Midlobular zone 2 hepatocytes: A gatekeeper of liver homeostasis. <i>Cell Metabolism</i> , 2021 , 33, 855-856 | 24.6 | |
| 270 | 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 | 0.9 | 1 |
| 269 | Genotype-Structure-Phenotype Correlations of Disease-Associated IGF1R Variants and Similarities to Those of INSR Variants. <i>Diabetes</i> , 2021 , 70, 1874-1884 | 0.9 | |
| 268 | 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 | 4.1 | 1 |
| 267 | Efficacy and safety of ipragliflozin in Japanese patients with type 2 diabetes and inadequate glycaemic control on sitagliptin. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 2099-2108 | 6.7 | 3 |
| 266 | Structural basis of ethnic-specific variants of PAX4 associated with type 2 diabetes. <i>Human Genome Variation</i> , 2021 , 8, 25 | 1.8 | 0 |
| 265 | 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 | 3.9 | 1 |
| 264 | Effect of linagliptin, a dipeptidyl peptidase-4 inhibitor, compared with the sulfonylurea glimepiride on cardiovascular outcomes in Asians with type 2 diabetes: subgroup analysis of the randomized CAROLINA trial. <i>Diabetology International</i> , 2021 , 12, 87-100 | 2.3 | 5 |
| 263 | 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 | 3.9 | 11 |
| 262 | Multifactorial intervention has a significant effect on diabetic kidney disease in patients with type 2 diabetes. <i>Kidney International</i> , 2021 , 99, 256-266 | 9.9 | 14 |

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| 261 | Effect of a Multifactorial Intervention on Fracture in Patients With Type 2 Diabetes: Subanalysis of the J-DOIT3 Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e2116-e2128 | 5.6 | 0 |
| 260 | AdipoR agonist increases insulin sensitivity and exercise endurance in AdipoR-humanized mice. <i>Communications Biology</i> , 2021 , 4, 45 | 6.7 | 3 |
| 259 | A randomized, placebo-controlled trial to assess the efficacy and safety of sitagliptin in Japanese patients with type 2 diabetes and inadequate glycaemic control on ipragliflozin. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 1342-1350 | 6.7 | 1 |
| 258 | A randomized, placebo-controlled study to evaluate the efficacy and safety of adding omarigliptin to insulin therapy in Japanese patients with type 2 diabetes and inadequate glycaemic control. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 1242-1251 | 6.7 | 3 |
| 257 | 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 | 3.9 | 0 |
| 256 | 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 | 5.6 | 5 |
| 255 | 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 | 5.6 | 0 |
| 254 | 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 | 2 | 1 |
| 253 | Retrospective nationwide study on the trends in first-line antidiabetic medication for patients with type2 diabetes in Japan. <i>Journal of Diabetes Investigation</i> , 2021 , | 3.9 | 5 |
| 252 | A xanthene derivative, DS20060511, attenuates glucose intolerance by inducing skeletal muscle-specific GLUT4 translocation in mice. <i>Communications Biology</i> , 2021 , 4, 994 | 6.7 | 1 |
| 251 | A cross-population atlas of genetic associations for 220 human phenotypes. <i>Nature Genetics</i> , 2021 , 53, 1415-1424 | 36.3 | 40 |
| 250 | Differential involvement of insulin receptor substrate (IRS)-1 and IRS-2 in brain insulin signaling is associated with the effects on amyloid pathology in a mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2021 , 159, 105510 | 7.5 | 1 |
| 249 | 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 | 5.6 | 0 |
| 248 | Long-term safety and efficacy of alogliptin, a DPP-4 inhibitor, in patients with type 2 diabetes: a 3-year prospective, controlled, observational study (J-BRAND Registry). <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9, | 4.5 | 5 |
| 247 | 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 | 3 | 0 |
| 246 | Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020 , 582, 240-245 | 50.4 | 89 |
| 245 | Heart failure and chronic kidney disease manifestation and mortality risk associations in type 2 diabetes: A large multinational cohort study. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1607-1618 | 6.7 | 38 |
| 244 | Insulin- and Lipopolysaccharide-Mediated Signaling in Adipose Tissue Macrophages Regulates Postprandial Glycemia through Akt-mTOR Activation. <i>Molecular Cell</i> , 2020 , 79, 43-53.e4 | 17.6 | 12 |

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| 243 | How self-stigma affects patient activation in persons with type 2 diabetes: a cross-sectional study. <i>BMJ Open</i> , 2020 , 10, e034757 | 3 | 3 |
| 242 | Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. <i>Nature Genetics</i> , 2020 , 52, 669-679 | 36.3 | 85 |
| 241 | Oxidized albumin in blood reflects the severity of multiple vascular complications in diabetes mellitus. <i>Metabolism Open</i> , 2020 , 6, 100032 | 2.8 | 10 |
| 240 | Diabetes and COVID-19: IDF perspective in the Western Pacific region. <i>Diabetes Research and Clinical Practice</i> , 2020 , 166, 108278 | 7.4 | 3 |
| 239 | Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. <i>Nature Communications</i> , 2020 , 11, 3175 | 17.4 | 14 |
| 238 | Cardiovascular and kidney outcomes of linagliptin treatment in older people with type 2 diabetes and established cardiovascular disease and/or kidney disease: A prespecified subgroup analysis of the randomized, placebo-controlled CARMELINA [®] trial. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1062-1073 | 6.7 | 12 |
| 237 | Outcomes of lactulose plus branched-chain amino acid infusion and lactulose alone for hepatic encephalopathy: A retrospective cohort study using a national inpatient database. <i>Hepatology Research</i> , 2020 , 50, 693-703 | 5.1 | 3 |
| 236 | 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, 4359787 | 3.9 | 1 |
| 235 | Long-Term Safety and Efficacy of Tenueligliptin in Elderly Patients with Type 2 Diabetes: Subgroup Analysis of a 3-Year Post-Marketing Surveillance in Japan. <i>Advances in Therapy</i> , 2020 , 37, 2477-2492 | 4.1 | 3 |
| 234 | 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 | 5.5 | 4 |
| 233 | Willingness of Patients Prescribed Medications for Lifestyle-Related Diseases to Use Personal Health Records: Questionnaire Study. <i>Journal of Medical Internet Research</i> , 2020 , 22, e13866 | 7.6 | 2 |
| 232 | Long-Term, Real-World Safety and Efficacy of Tenueligliptin: A Post-Marketing Surveillance of More Than 10,000 Patients with Type 2 Diabetes in Japan. <i>Advances in Therapy</i> , 2020 , 37, 1065-1086 | 4.1 | 10 |
| 231 | 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 | 6 | 4 |
| 230 | 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 | 7.4 | 1 |
| 229 | Blood Glucose Control Strategy for Type 2 Diabetes Patients With COVID-19. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 593061 | 5.4 | 1 |
| 228 | Real-world Observational Study on Patient Outcomes in Diabetes (RESPOND): study design and baseline characteristics of patients with type 2 diabetes newly initiating oral antidiabetic drug monotherapy in Japan. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8, | 4.5 | 4 |
| 227 | 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 | 3 | 1 |
| 226 | 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, | 3.8 | 1 |

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| 225 | Human adiponectin receptor AdipoR1 assumes closed and open structures. <i>Communications Biology</i> , 2020 , 3, 446 | 6.7 | 3 |
| 224 | Hepatic FATP5 expression is associated with histological progression and loss of hepatic fat in NAFLD patients. <i>Journal of Gastroenterology</i> , 2020 , 55, 227-243 | 6.9 | 15 |
| 223 | Adiponectin/AdipoR Research and Its Implications for Lifestyle-Related Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 116 | 5.4 | 19 |
| 222 | Preceding psychological factors and calorie intake in patients with type 2 diabetes: investigation by ecological momentary assessment. <i>BioPsychoSocial Medicine</i> , 2019 , 13, 20 | 2.8 | 1 |
| 221 | Drug development research for novel adiponectin receptor-targeted antidiabetic drugs contributing to healthy longevity. <i>Diabetology International</i> , 2019 , 10, 237-244 | 2.3 | 7 |
| 220 | Oral semaglutide versus subcutaneous liraglutide and placebo in type 2 diabetes (PIONEER 4): a randomised, double-blind, phase 3a trial. <i>Lancet, The</i> , 2019 , 394, 39-50 | 40 | 186 |
| 219 | NAD supplementation rejuvenates aged gut adult stem cells. <i>Aging Cell</i> , 2019 , 18, e12935 | 9.9 | 61 |
| 218 | Pivotal role of inter-organ aspartate metabolism for treatment of mitochondrial aspartate-glutamate carrier 2 (citrin) deficiency, based on the mouse model. <i>Scientific Reports</i> , 2019 , 9, 4179 | 4.9 | 6 |
| 217 | Differential effects of diet- and genetically-induced brain insulin resistance on amyloid pathology in a mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2019 , 14, 15 | 19 | 46 |
| 216 | Efficacy and Safety of Fast-Acting Insulin Aspart in People with Type 1 Diabetes Using Carbohydrate Counting: A Post Hoc Analysis of Two Randomised Controlled Trials. <i>Diabetes Therapy</i> , 2019 , 10, 1029-1041 | 3.6 | 2 |
| 215 | Societal Marketing in the Treatment of Type 2 Diabetes Mellitus: A Longitudinal Questionnaire Survey for Michelin-Starred Restaurants in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16, | 4.6 | 1 |
| 214 | The association between health literacy levels and patient-reported outcomes in Japanese type 2 diabetic patients. <i>SAGE Open Medicine</i> , 2019 , 7, 2050312119865647 | 2.4 | 5 |
| 213 | 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 | 7.4 | 11 |
| 212 | Diabetes care providers' manual for disaster diabetes care. <i>Diabetology International</i> , 2019 , 10, 153-179 | 2.3 | 2 |
| 211 | Diabetes Care Providers' Manual for Disaster Diabetes Care. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1118-1142 | 3.9 | 4 |
| 210 | Robust and highly efficient hiPSC generation from patient non-mobilized peripheral blood-derived CD34 cells using the auto-erasable Sendai virus vector. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 185 | 8.3 | 17 |
| 209 | Usage Patterns of GlucoNote, a Self-Management Smartphone App, Based on ResearchKit for Patients With Type 2 Diabetes and Prediabetes. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e13204 | 5.5 | 16 |
| 208 | Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. <i>Nature Genetics</i> , 2019 , 51, 379-386 | 36.3 | 83 |

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| 207 | Hepatic Sdf2l1 controls feeding-induced ER stress and regulates metabolism. <i>Nature Communications</i> , 2019 , 10, 947 | 17.4 | 28 |
| 206 | ADDITION-Europe: the first decade and beyond. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 891-893 | 18.1 | 0 |
| 205 | Empagliflozin and kidney outcomes in Asian patients with type 2 diabetes and established cardiovascular disease: Results from the EMPA-REG OUTCOME trial. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 760-770 | 3.9 | 36 |
| 204 | Safety and Efficacy of Tenueligliptin in Patients with Type 2 Diabetes Mellitus and Impaired Renal Function: Interim Report from Post-marketing Surveillance. <i>Diabetes Therapy</i> , 2018 , 9, 1083-1097 | 3.6 | 7 |
| 203 | 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 | 14.6 | 6 |
| 202 | Sodium-glucose co-transporter-2 inhibitors as add-on therapy to insulin for type 1 diabetes mellitus: Systematic review and meta-analysis of randomized controlled trials. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1755-1761 | 6.7 | 49 |
| 201 | Efficacy and Safety of Tenueligliptin 40mg in Type 2 Diabetes: A Pooled Analysis of Two Phase III Clinical Studies. <i>Diabetes Therapy</i> , 2018 , 9, 623-636 | 3.6 | 6 |
| 200 | Safety and efficacy of long-term treatment with tenueligliptin: Interim analysis of a post-marketing surveillance of more than 10,000 Japanese patients with type 2 diabetes mellitus. <i>Expert Opinion on Pharmacotherapy</i> , 2018 , 19, 83-91 | 4 | 10 |
| 199 | Biosimilar vs originator insulins: Systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1787-1792 | 6.7 | 15 |
| 198 | Long-term safety and efficacy of canagliflozin as add-on therapy to tenueligliptin in Japanese patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 77-84 | 6.7 | 20 |
| 197 | Hepatic IRS1 and Eatenin expression is associated with histological progression and overt diabetes emergence in NAFLD patients. <i>Journal of Gastroenterology</i> , 2018 , 53, 1261-1275 | 6.9 | 16 |
| 196 | The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. <i>Molecular and Cellular Biology</i> , 2018 , 38, | 4.8 | 65 |
| 195 | AdipoRon: An anti-diabetes and anti-aging drug. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, SY62-3 | 0 | |
| 194 | 5. Patients with Diabetes Difficult to Manage and Their Countermeasures. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2018 , 107, 1810-1818 | 0 | |
| 193 | Efficacy and safety of tenueligliptin added to canagliflozin monotherapy in Japanese patients with type 2 diabetes mellitus: A multicentre, randomized, double-blind, placebo-controlled, parallel-group comparative study. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 453-457 | 6.7 | 22 |
| 192 | Downregulation of macrophage Irs2 by hyperinsulinemia impairs IL-4-induced M2a-subtype macrophage activation in obesity. <i>Nature Communications</i> , 2018 , 9, 4863 | 17.4 | 27 |
| 191 | A variant within the FTO confers susceptibility to diabetic nephropathy in Japanese patients with type 2 diabetes. <i>PLoS ONE</i> , 2018 , 13, e0208654 | 3.7 | 12 |
| 190 | Fast-acting insulin aspart versus insulin aspart in the setting of insulin degludec-treated type 1 diabetes: Efficacy and safety from a randomized double-blind trial. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2885-2893 | 6.7 | 31 |

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| 189 | Structure and function analysis of adiponectin receptors toward development of novel antidiabetic agents promoting healthy longevity. <i>Endocrine Journal</i> , 2018 , 65, 971-977 | 2.9 | 8 |
| 188 | Effect of short-term treatment with sitagliptin or glibenclamide on daily glucose fluctuation in drug-naïve Japanese patients with type 2 diabetes mellitus. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2274-2281 | 6.7 | 4 |
| 187 | Relationship of Eating Patterns and Metabolic Parameters, and Teneigliptin Treatment: Interim Results from Post-marketing Surveillance in Japanese Type 2 Diabetes Patients. <i>Advances in Therapy</i> , 2018 , 35, 817-831 | 4.1 | 3 |
| 186 | Persistence of oral antidiabetic treatment for type 2 diabetes characterized by drug class, patient characteristics and severity of renal impairment: A Japanese database analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2830-2839 | 6.7 | 13 |
| 185 | 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 | 4.5 | 10 |
| 184 | Efficacy and safety of canagliflozin as add-on therapy to teneligliptin in Japanese patients with type 2 diabetes mellitus: Results of a 24-week, randomized, double-blind, placebo-controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 874-882 | 6.7 | 40 |
| 183 | Oral aversion to dietary sugar, ethanol and glycerol correlates with alterations in specific hepatic metabolites in a mouse model of human citrin deficiency. <i>Molecular Genetics and Metabolism</i> , 2017 , 120, 306-316 | 3.7 | 8 |
| 182 | Thermographic findings in a case of type 2 diabetes with foot ulcer due to callus deterioration. <i>Diabetology International</i> , 2017 , 8, 328-333 | 2.3 | 5 |
| 181 | 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 | 14.5 | 6 |
| 180 | Adiponectin Enhances Quiescence Exit of Murine Hematopoietic Stem Cells and Hematopoietic Recovery Through mTORC1 Potentiation. <i>Stem Cells</i> , 2017 , 35, 1835-1848 | 5.8 | 23 |
| 179 | Dual Regulation of Gluconeogenesis by Insulin and Glucose in the Proximal Tubules of the Kidney. <i>Diabetes</i> , 2017 , 66, 2339-2350 | 0.9 | 44 |
| 178 | Psychological and behavioural patterns of stigma among patients with type 2 diabetes: a cross-sectional study. <i>BMJ Open</i> , 2017 , 7, e013425 | 3 | 19 |
| 177 | Imbalanced Insulin Actions in Obesity and Type 2 Diabetes: Key Mouse Models of Insulin Signaling Pathway. <i>Cell Metabolism</i> , 2017 , 25, 797-810 | 24.6 | 84 |
| 176 | A key role of nuclear factor Y in the refeeding response of fatty acid synthase in adipocytes. <i>FEBS Letters</i> , 2017 , 591, 965-978 | 3.8 | 11 |
| 175 | Previous dropout from diabetic care as a predictor of patients' willingness to use mobile applications for self-management: A cross-sectional study. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 542-549 | 3.9 | 9 |
| 174 | New glycemic targets for patients with diabetes from the Japan Diabetes Society. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 123-125 | 3.9 | 33 |
| 173 | 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 |
| 172 | Efficacy and safety of teneligliptin add-on to insulin monotherapy in Japanese patients with type 2 diabetes mellitus: a 16-week, randomized, double-blind, placebo-controlled trial with an open-label period. <i>Expert Opinion on Pharmacotherapy</i> , 2017 , 18, 1291-1300 | 4 | 19 |

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| 171 | Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 40-45 | 3.4 | 16 |
| 170 | Novel and Simple Ultrasonographic Methods for Estimating the Abdominal Visceral Fat Area. <i>International Journal of Endocrinology</i> , 2017 , 2017, 8796069 | 2.7 | 4 |
| 169 | Gastrointestinal symptom prevalence depends on disease duration and gastrointestinal region in type 2 diabetes mellitus. <i>World Journal of Gastroenterology</i> , 2017 , 23, 6694-6704 | 5.6 | 10 |
| 168 | Efficacy and safety of saxagliptin in combination with insulin in Japanese patients with type 2 diabetes mellitus: a 16-week double-blind randomized controlled trial with a 36-week open-label extension. <i>Expert Opinion on Pharmacotherapy</i> , 2017 , 18, 1903-1919 | 4 | 6 |
| 167 | Role of insulin receptor substrates in the progression of hepatocellular carcinoma. <i>Scientific Reports</i> , 2017 , 7, 5387 | 4.9 | 23 |
| 166 | Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. <i>Scientific Reports</i> , 2017 , 7, 6516 | 4.9 | 22 |
| 165 | Structural Basis and Genotype-Phenotype Correlations of INSR Mutations Causing Severe Insulin Resistance. <i>Diabetes</i> , 2017 , 66, 2713-2723 | 0.9 | 14 |
| 164 | Design of and rationale for the Japan Diabetes compREhensive database project based on an Advanced electronic Medical record System (J-DREAMS). <i>Diabetology International</i> , 2017 , 8, 375-382 | 2.3 | 19 |
| 163 | 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 | 4.9 | 6 |
| 162 | NFIA co-localizes with PPAR α and transcriptionally controls the brown fat gene program. <i>Nature Cell Biology</i> , 2017 , 19, 1081-1092 | 23.4 | 44 |
| 161 | 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 | 8.1 | 3 |
| 160 | Insulin degludec in a simple or stepwise titration algorithm in a Japanese population of patients with type 2 diabetes: a randomized, 26-week, treat-to-target trial. <i>Diabetology International</i> , 2017 , 8, 87-94 | 2.3 | 3 |
| 159 | Glycemic control, mortality, and hypoglycemia in critically ill patients: a systematic review and network meta-analysis of randomized controlled trials. <i>Intensive Care Medicine</i> , 2017 , 43, 1-15 | 14.5 | 101 |
| 158 | Role of Hormone-sensitive Lipase in Leptin-Promoted Fat Loss and Glucose Lowering. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017 , 24, 1105-1116 | 4 | 4 |
| 157 | Testing the Feasibility and Usability of a Novel Smartphone-Based Self-Management Support System for Dialysis Patients: A Pilot Study. <i>JMIR Research Protocols</i> , 2017 , 6, e63 | 2 | 21 |
| 156 | Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017 , 49, 1450-1457 | 36.3 | 136 |
| 155 | Genes associated with diabetes: potential for novel therapeutic targets?. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 255-67 | 6.4 | 12 |
| 154 | Anagliptin increases insulin-induced skeletal muscle glucose uptake via an NO-dependent mechanism in mice. <i>Diabetologia</i> , 2016 , 59, 2426-2434 | 10.3 | 14 |

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| 153 | New glycemic targets for patients with diabetes from the Japan Diabetes Society. <i>Diabetology International</i> , 2016 , 7, 327-330 | 2.3 | 3 |
| 152 | Differential hepatic distribution of insulin receptor substrates causes selective insulin resistance in diabetes and obesity. <i>Nature Communications</i> , 2016 , 7, 12977 | 17.4 | 51 |
| 151 | Pioglitazone Ameliorates Smooth Muscle Cell Proliferation in Cuff-Induced Neointimal Formation by Both Adiponectin-Dependent and -Independent Pathways. <i>Scientific Reports</i> , 2016 , 6, 34707 | 4.9 | 5 |
| 150 | Design of and rationale for the Japan Diabetes Optimal Integrated Treatment study for 3 major risk factors of cardiovascular diseases (J-DOIT3): a multicenter, open-label, randomized, parallel-group trial. <i>BMJ Open Diabetes Research and Care</i> , 2016 , 4, e000123 | 4.5 | 19 |
| 149 | Safety and efficacy of addition of sitagliptin to rapid-acting insulin secretagogues for glycemic control, including post-prandial hyperglycemia, among Japanese with type 2 diabetes mellitus. <i>Diabetology International</i> , 2016 , 7, 155-166 | 2.3 | 5 |
| 148 | Adiponectin Enhances Antibacterial Activity of Hematopoietic Cells by Suppressing Bone Marrow Inflammation. <i>Immunity</i> , 2016 , 44, 1422-33 | 32.3 | 29 |
| 147 | Predictors for achieving target glycemic control in Japanese patients with type 2 diabetes after initiation of basal supported oral therapy using insulin glargine: sub-analysis of the ALOHA2 study, drug use surveillance in Japan. <i>Diabetology International</i> , 2016 , 7, 188-198 | 2.3 | 5 |
| 146 | Validating the use of photos to measure dietary intake: the method used by DialBetics, a smartphone-based self-management system for diabetes patients. <i>Diabetology International</i> , 2016 , 7, 244-251 | 2.3 | 8 |
| 145 | Pilot Study for the Development of a Self-Care System for Type 2 Diabetes Patients Using a Personal Digital Assistant (PDA). <i>International Journal of Behavioral Medicine</i> , 2016 , 23, 295-299 | 2.6 | 5 |
| 144 | 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 |
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