Mitsuru Ohsugi

List of Publications by Year
in descending order

39 papers	5,463 citations	304743 22 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	8926 citing authors

#	Article	IF	Citations
1	CD8+ effector T cells contribute to macrophage recruitment and adipose tissue inflammation in obesity. Nature Medicine, 2009, 15, 914-920.	30.7	1,887
2	Overexpression of Monocyte Chemoattractant Protein-1 in Adipose Tissues Causes Macrophage Recruitment and Insulin Resistance. Journal of Biological Chemistry, 2006, 281, 26602-26614.	3.4	746
3	Saturated Fatty Acid and TLR Signaling Link β Cell Dysfunction and Islet Inflammation. Cell Metabolism, 2012, 15, 518-533.	16.2	447
4	Adipogenesis in Obesity Requires Close Interplay Between Differentiating Adipocytes, Stromal Cells, and Blood Vessels. Diabetes, 2007, 56, 1517-1526.	0.6	407
5	Adiponectin Enhances Insulin Sensitivity by Increasing Hepatic IRS-2 Expression via a Macrophage-Derived IL-6-Dependent Pathway. Cell Metabolism, 2011, 13, 401-412.	16.2	236
6	In vivo imaging in mice reveals local cell dynamics and inflammation in obese adipose tissue. Journal of Clinical Investigation, 2008, 118, 710-21.	8.2	221
7	Dynamic Functional Relay between Insulin Receptor Substrate 1 and 2 in Hepatic Insulin Signaling during Fasting and Feeding. Cell Metabolism, 2008, 8, 49-64.	16.2	204
8	Endoplasmic Reticulum Stress-Induced Apoptosis Is Partly Mediated by Reduced Insulin Signaling Through Phosphatidylinositol 3-Kinase/Akt and Increased Glycogen Synthase Kinase-3β in Mouse Insulinoma Cells. Diabetes, 2005, 54, 968-975.	0.6	158
9	Defective insulin secretion and increased susceptibility to experimental diabetes are induced by reduced Akt activity in pancreatic islet β cells. Journal of Clinical Investigation, 2004, 114, 928-936.	8.2	148
10	SUMOylation of Krüppel-like transcription factor 5 acts as a molecular switch in transcriptional programs of lipid metabolism involving PPAR-δ. Nature Medicine, 2008, 14, 656-666.	30.7	141
11	Body Composition Is the Main Determinant for the Difference in Type 2 Diabetes Pathophysiology Between Japanese and Caucasians. Diabetes Care, 2014, 37, 796-804.	8.6	118
12	Class IA Phosphatidylinositol 3-Kinase in Pancreatic β Cells Controls Insulin Secretion by Multiple Mechanisms. Cell Metabolism, 2010, 12, 619-632.	16.2	101
13	Reduced Expression of the Insulin Receptor in Mouse Insulinoma (MIN6) Cells Reveals Multiple Roles of Insulin Signaling in Gene Expression, Proliferation, Insulin Content, and Secretion. Journal of Biological Chemistry, 2005, 280, 4992-5003.	3.4	86
14	Ethnic Differences in Insulin Sensitivity, β-Cell Function, and Hepatic Extraction Between Japanese and Caucasians: A Minimal Model Analysis. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 4273-4280.	3.6	83
15	Metagenomic Identification of Microbial Signatures Predicting Pancreatic Cancer From a Multinational Study. Gastroenterology, 2022, 163, 222-238.	1.3	61
16	Expression of DGAT2 in White Adipose Tissue Is Regulated by Central Leptin Action. Journal of Biological Chemistry, 2005, 280, 3331-3337.	3.4	50
17	Glucose and Insulin Treatment of Insulinoma Cells Results in Transcriptional Regulation of a Common Set of Genes. Diabetes, 2004, 53, 1496-1508.	0.6	48
18	Rimonabant Ameliorates Insulin Resistance via both Adiponectin-dependent and Adiponectin-independent Pathways. Journal of Biological Chemistry, 2009, 284, 1803-1812.	3.4	45

#	Article	IF	Citations
19	Blockade of class IB phosphoinositide-3 kinase ameliorates obesity-induced inflammation and insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5753-5758.	7.1	44
20	Deregulation of Pancreas-Specific Oxidoreductin ERO1β in the Pathogenesis of Diabetes Mellitus. Molecular and Cellular Biology, 2014, 34, 1290-1299.	2.3	34
21	Conditions, pathogenesis, and progression of diabetic kidney disease and early decliner in Japan. BMJ Open Diabetes Research and Care, 2020, 8, e000902.	2.8	31
22	Design of and rationale for the Japan Diabetes compREhensive database project based on an Advanced electronic Medical record System (J-DREAMS). Diabetology International, 2017, 8, 375-382.	1.4	28
23	Gene expression profiling in islet biology and diabetes research. Diabetes/Metabolism Research and Reviews, 2003, 19, 32-42.	4.0	23
24	Variation in process quality measures of diabetes care by region and institution in Japan during 2015–2016: An observational study of nationwide claims data. Diabetes Research and Clinical Practice, 2019, 155, 107750.	2.8	23
25	Efficacy and safety of sitagliptin as compared with glimepiride in <scp>J</scp>apanese patients with type 2 diabetes mellitus aged≥60 years (<scp>START</scp> trial). Diabetes, Obesity and Metabolism, 2017, 19, 1188-1192.	4.0	13
26	Changes in the quality of diabetes care in Japan between 2007 and 2015: A repeated cross-sectional study using claims data. Diabetes Research and Clinical Practice, 2019, 149, 188-199.	2.8	11
27	Comorbidities and complications in Japanese patients with type 2 diabetes mellitus: Retrospective analyses of J-DREAMS, an advanced electronic medical records database. Diabetes Research and Clinical Practice, 2021, 178, 108845.	2.8	11
28	Ontogenetic characteristics of enzyme activities and plasma metabolites in C57BL/6J:Jcl mice deficient in insulin receptor substrate 2. Comparative Medicine, 2006, 56, 176-87.	1.0	11
29	Impact of Diabetes Among Revascularized Patients in Japan and the U.S.. Diabetes Care, 2012, 35, 654-659.	8.6	9
30	Comparison of effectiveness and drug cost between dipeptidyl peptidase‐4 inhibitor and biguanide as the first‐line anti‐hyperglycaemic medication among Japanese working generation with type 2 diabetes. Journal of Evaluation in Clinical Practice, 2020, 26, 299-307.	1.8	9
31	Contribution of Diabetes to the Incidence and Prevalence of Comorbid Conditions (Cancer,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Epidemiological Studies in Japanese Populations. Journal of Epidemiology, 2019, 29, 1-10.	2.4	8
32	Phenotypes of IRS-2 Deficient Mice Produced by Reproductive Technology are Stable. Experimental Animals, 2007, 56, 149-154.	1.1	6
33	An Efficient Reproductive Method for Irs2-/- Mice with C57BL/6JJcl Genetic Background. Experimental Animals, 2008, 57, 407-411.	1.1	4
34	Evaluation of cellular and humoral autoimmunity before the development of type 1 diabetes in a patient with idiopathic CD 4 lymphocytopenia. Journal of Diabetes Investigation, 2019, 10, 1108-1111.	2.4	2
35	Understanding the quality of diabetes care in Japan: a systematic review of the literature. Diabetology International, 2022, 13, 41-48.	1.4	1
36	Factors associated with the degree of glycemic deterioration among patients with type 2 diabetes who dropped out of diabetes care: A longitudinal analysis using medical claims and health checkup data in Japan. Journal of Diabetes Investigation, 2021, , .	2.4	1

#	Article	IF	Citations
37	Incidence of interventions for diabetic retinopathy and serious lower-limb complications and its related factors in patients with type 2 diabetes using a real-world large claims database. Diabetology International, 0, , 1.	1.4	1
38	The patient-centered diabetes management during the COVID-19 pandemic. Global Health & Medicine, 2022, , .	1.4	1
39	Lack of Awareness of Own Hypercholesterolemia or Statin Medication among Adult Statin Users in the United States: Prevalence and Patient Characteristics in a Repeated Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2022, 19, 6099.	2.6	0