

Wataru Ogawa

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,937
citations

279487

23
h-index

168136

53
g-index

76
all docs

76
docs citations

76
times ranked

4477
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin action in the gut—insight provided by [18F]FDG PET imaging. <i>Diabetology International</i> , 2022, 13, 35-40.	0.7	5
2	New classification and diagnostic criteria for insulin resistance syndrome. <i>Diabetology International</i> , 2022, 13, 337-343.	0.7	5
3	Relation between the insulin lowering rate and changes in bone mineral density: Analysis among subtypes of type 1 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2022, , .	1.1	1
4	Association between diabetic nephropathy and left ventricular longitudinal myocardial function in type 1 diabetes mellitus patients with preserved ejection fraction. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1991-1998.	0.2	1
5	Metabolic alterations in plasma after laparoscopic sleeve gastrectomy. <i>Journal of Diabetes Investigation</i> , 2021, 12, 123-129.	1.1	9
6	Effect of the FreeStyle Libre [®] , [®] flash glucose monitoring system on glycemic control in individuals with type 2 diabetes treated with basal-bolus insulin therapy: An open label, prospective, multicenter trial in Japan. <i>Journal of Diabetes Investigation</i> , 2021, 12, 82-90.	1.1	11
7	Insulin resistance and exaggerated insulin sensitivity triggered by single-gene mutations in the insulin signaling pathway. <i>Diabetology International</i> , 2021, 12, 62-67.	0.7	19
8	Analysis of time-dependent alterations of parameters related to erythrocytes after ipragliflozin initiation. <i>Diabetology International</i> , 2021, 12, 197-206.	0.7	10
9	Dose-dependent accumulation of glucose in the intestinal wall and lumen induced by metformin as revealed by ¹⁸ F-labelled fluorodeoxyglucose positron emission tomography-MRI. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 692-699.	2.2	15
10	Impact of daily glucose fluctuations on cardiovascular outcomes after percutaneous coronary intervention for patients with stable coronary artery disease undergoing lipid-lowering therapy. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1015-1024.	1.1	5
11	Cover Image, Volume 23, Issue 3. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, .	2.2	0
12	Kruppel-like factor 15 regulates fuel switching between glucose and fatty acids in brown adipocytes. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1144-1151.	1.1	8
13	Role of PDK1 in skeletal muscle hypertrophy induced by mechanical load. <i>Scientific Reports</i> , 2021, 11, 3447.	1.6	8
14	Effect of heart rate on left ventricular longitudinal myocardial function in type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2021, 20, 87.	2.7	9
15	The gut microbial metabolite imidazole propionate inhibits metformin action. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1319-1321.	1.1	1
16	Associations of Systolic Blood Pressure and Diastolic Blood Pressure With the Incidence of Coronary Artery Disease or Cerebrovascular Disease According to Glucose Status. <i>Diabetes Care</i> , 2021, 44, 2124-2131.	4.3	17
17	Clinical features of 65-year-old individuals in Japan diagnosed with possible sarcopenia based on the Asian Working Group for Sarcopenia 2019 criteria. <i>Geriatrics and Gerontology International</i> , 2021, 21, 689-696.	0.7	14
18	Canagliflozin ameliorates hepatic fat deposition in obese diabetic mice: Role of prostaglandin E2. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 62-68.	1.0	10

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19	Effect of empagliflozin on cardiorenal outcomes and mortality according to body mass index: A subgroup analysis of the <scp>EMPAâ€REG OUTCOME</scp> trial with a focus on Asia. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1886-1891.	2.2	18
20	Relation of cardiac function to insulin resistance as evaluated by hyperinsulinemicâ€euglycemic clamp analysis in individuals with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2021, , .	1.1	2
21	Association of left ventricular longitudinal myocardial function with subclinical right ventricular dysfunction in type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2021, 20, 212.	2.7	11
22	Association of body fat mass with left ventricular longitudinal myocardial systolic function in type 2 diabetes mellitus. <i>Journal of Cardiology</i> , 2020, 75, 189-195.	0.8	6
23	Clinical characteristics of insulin resistance syndromes: A nationwide survey in Japan. <i>Journal of Diabetes Investigation</i> , 2020, 11, 603-616.	1.1	20
24	Relationship between glycated hemoglobin level and duration of hypoglycemia in typeÂ2 diabetes patients treated with sulfonylureas: A multicenter crossâ€sectional study. <i>Journal of Diabetes Investigation</i> , 2020, 11, 417-425.	1.1	11
25	Relationship between metformin use and vitaminÂB₁₂ status in patients with typeÂ2 diabetes in Japan. <i>Journal of Diabetes Investigation</i> , 2020, 11, 917-922.	1.1	9
26	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenaseâ€leukotriene B ₄ axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11674-11684.	3.3	23
27	Enhanced Release of Glucose Into the Intraluminal Space of the Intestine Associated With Metformin Treatment as Revealed by [18F]Fluorodeoxyglucose PET-MRI. <i>Diabetes Care</i> , 2020, 43, 1796-1802.	4.3	33
28	SGLT2 inhibitors for genetic and acquired insulin resistance: Considerations for clinical use. <i>Journal of Diabetes Investigation</i> , 2020, 11, 1431-1433.	1.1	7
29	Relation between HOMA-IR and insulin sensitivity index determined by hyperinsulinemic-euglycemic clamp analysis during treatment with a sodium-glucose cotransporter 2 inhibitor. <i>Endocrine Journal</i> , 2020, 67, 501-507.	0.7	22
30	GCN2 regulates pancreatic Î² cell mass by sensing intracellular amino acid levels. <i>JCI Insight</i> , 2020, 5, .	2.3	13
31	Relationship Between Number of Multiple Risk Factors and Coronary Artery Disease Risk With and Without Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5084-5090.	1.8	22
32	Effects of ipragliflozin on glycemic control, appetite and its related hormones: A prospective, multicenter, openâ€label study (SOARâ€KOBE Study). <i>Journal of Diabetes Investigation</i> , 2019, 10, 1254-1261.	1.1	17
33	Glucagon secretions are impaired in patients with fulminant typeÂ1 diabetes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 866-867.	1.1	3
34	Fatâ€specific protein 27Î± inhibits autophagyâ€dependent lipid droplet breakdown in white adipocytes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 1419-1429.	1.1	2
35	Sodiumâ€glucose cotransporterÂ2 inhibitorâ€associated diabetic ketoacidosis in patients with typeÂ1 diabetes: Metabolic imbalance as an underlying mechanism. <i>Journal of Diabetes Investigation</i> , 2019, 10, 879-882.	1.1	6
36	Impaired glucagon secretion in patients with fulminant type 1 diabetes mellitus. <i>Endocrine</i> , 2019, 63, 476-479.	1.1	10

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37	Phenotypic differences and similarities of monozygotic twins with maturity-onset diabetes of the young type 5. <i>Journal of Diabetes Investigation</i> , 2019, 10, 1112-1115.	1.1	6
38	In silico and in vitro analyses of the pathological relevance of the R258H mutation of hepatocyte nuclear factor 4 identified in maturity-onset diabetes of the young type 1. <i>Journal of Diabetes Investigation</i> , 2019, 10, 680-684.	1.1	3
39	Early administration of dapagliflozin preserves pancreatic β cell mass through a legacy effect in a mouse model of type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 577-590.	1.1	14
40	Hyperglycemia induces skeletal muscle atrophy via a WWP1/KLF15 axis. <i>JCI Insight</i> , 2019, 4, .	2.3	107
41	Treatment of a case of severe insulin resistance as a result of a <i>PIK3R1</i> mutation with a sodium-glucose cotransporter 2 inhibitor. <i>Journal of Diabetes Investigation</i> , 2018, 9, 1224-1227.	1.1	22
42	Impact of CD14 ++ CD16 + monocytes on coronary plaque vulnerability assessed by optical coherence tomography in coronary artery disease patients. <i>Atherosclerosis</i> , 2018, 269, 245-251.	0.4	32
43	Comparison of the relationship between multiple parameters of glycemic variability and coronary plaque vulnerability assessed by virtual histology-intravascular ultrasound. <i>Journal of Diabetes Investigation</i> , 2018, 9, 610-615.	1.1	12
44	Modulation of lipid mediator profile may contribute to amelioration of chronic inflammation in adipose tissue of obese mice by pioglitazone. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 29-35.	1.0	7
45	Mechanisms of metformin action: In and out of the gut. <i>Journal of Diabetes Investigation</i> , 2018, 9, 701-703.	1.1	30
46	Docosahexaenoic Acid Reduces Palmitic Acid-Induced Endoplasmic Reticulum Stress in Pancreatic β Cells. <i>Kobe Journal of Medical Sciences</i> , 2018, 64, E43-E55.	0.2	7
47	Impact of left ventricular longitudinal functional mechanics on the progression of diastolic function in diabetes mellitus. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1905-1914.	0.7	20
48	Cell death-inducing DNA fragmentation factor A-like effector A and fat-specific protein 27 coordinately control lipid droplet size in brown adipocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 10824-10834.	1.6	19
49	Impact of CD14++CD16+ monocytes on plaque vulnerability in diabetic and non-diabetic patients with asymptomatic coronary artery disease: a cross-sectional study. <i>Cardiovascular Diabetology</i> , 2017, 16, 96.	2.7	30
50	Impact of overweight on left ventricular function in type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2017, 16, 145.	2.7	24
51	Effects of daily glucose fluctuations on the healing response to everolimus-eluting stent implantation as assessed using continuous glucose monitoring and optical coherence tomography. <i>Cardiovascular Diabetology</i> , 2016, 15, 79.	2.7	36
52	Euglycemic diabetic ketoacidosis induced by SGLT2 inhibitors: possible mechanism and contributing factors. <i>Journal of Diabetes Investigation</i> , 2016, 7, 135-138.	1.1	217
53	Impaired Mechanics of Left Ventriculo-Atrial Coupling in Patients With Diabetic Nephropathy. <i>Circulation Journal</i> , 2016, 80, 1957-1964.	0.7	17
54	Regulation of Pancreatic β Cell Mass by Cross-Interaction between CCAAT Enhancer Binding Protein 2 Induced by Endoplasmic Reticulum Stress and AMP-Activated Protein Kinase Activity. <i>PLoS ONE</i> , 2015, 10, e0130757.	1.1	17

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55	Association of peripheral nerve conduction in diabetic neuropathy with subclinical left ventricular systolic dysfunction. <i>Cardiovascular Diabetology</i> , 2015, 14, 47.	2.7	24
56	Clinical features of subclinical left ventricular systolic dysfunction in patients with diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2015, 14, 37.	2.7	68
57	Compensatory hyperinsulinemia in high-fat diet-induced obese mice is associated with enhanced insulin translation in islets. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 681-686.	1.0	23
58	Contribution of insulin signaling to the regulation of pancreatic beta-cell mass during the catch-up growth period in a low birth weight mouse model. <i>Diabetology International</i> , 2014, 5, 43-52.	0.7	4
59	Postprandial serum C-peptide to plasma glucose concentration ratio correlates with oral glucose tolerance test- and glucose clamp-based disposition indexes. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1470-1476.	1.5	36
60	A case of type A insulin resistance associated with heterozygous Asn462Ser mutation of the insulin receptor gene. <i>Diabetology International</i> , 2012, 3, 239-243.	0.7	3
61	Red wine acts through a familiar drug target. <i>Diabetology International</i> , 2012, 3, 65-67.	0.7	0
62	Role of KLF15 in Regulation of Hepatic Gluconeogenesis and Metformin Action. <i>Diabetes</i> , 2010, 59, 1608-1615.	0.3	100
63	Does adiponectin mimic exercise?. <i>Journal of Diabetes Investigation</i> , 2010, 1, 239-241.	1.1	0
64	Two related cases of type A insulin resistance with compound heterozygous mutations of the insulin receptor gene. <i>Diabetes Research and Clinical Practice</i> , 2009, 83, e75-e77.	1.1	5
65	Dok1 mediates high-fat diet-induced adipocyte hypertrophy and obesity through modulation of PPAR- β phosphorylation. <i>Nature Medicine</i> , 2008, 14, 188-193.	15.2	100
66	Restoration of Glucokinase Expression in the Liver Normalizes Postprandial Glucose Disposal in Mice With Hepatic Deficiency of PDK1. <i>Diabetes</i> , 2007, 56, 1000-1009.	0.3	36
67	Role of hepatic STAT3 in brain-insulin action on hepatic glucose production. <i>Cell Metabolism</i> , 2006, 3, 267-275.	7.2	261
68	Ablation of PDK1 in pancreatic β cells induces diabetes as a result of loss of β cell mass. <i>Nature Genetics</i> , 2006, 38, 589-593.	9.4	201
69	Role of Krüppel-like Factor 15 (KLF15) in Transcriptional Regulation of Adipogenesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 12867-12875.	1.6	293
70	Role of Krüppel-like factor 15 in PEPCK gene expression in the liver. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 920-926.	1.0	64
71	PKC δ regulates glucose-induced insulin secretion through modulation of gene expression in pancreatic β cells. <i>Journal of Clinical Investigation</i> , 2005, 115, 138-145.	3.9	57
72	Role of the Insulin Receptor Substrate 1 and Phosphatidylinositol 3-Kinase Signaling Pathway in Insulin-Induced Expression of Sterol Regulatory Element Binding Protein 1c and Glucokinase Genes in Rat Hepatocytes. <i>Diabetes</i> , 2002, 51, 1672-1680.	0.3	120

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73	Hyperinsulinemia, glucose intolerance, and dyslipidemia induced by acute inhibition of phosphoinositide 3-kinase signaling in the liver. <i>Journal of Clinical Investigation</i> , 2002, 110, 1483-1491.	3.9	112
74	Hyperinsulinemia, glucose intolerance, and dyslipidemia induced by acute inhibition of phosphoinositide 3-kinase signaling in the liver. <i>Journal of Clinical Investigation</i> , 2002, 110, 1483-1491.	3.9	67
75	Inhibition of Insulin-induced Activation of Akt by a Kinase-deficient Mutant of the $\hat{\mu}$ Isozyme of Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2001, 276, 14400-14406.	1.6	36
76	Insulin-Induced Phosphorylation and Activation of Cyclic Nucleotide Phosphodiesterase 3B by the Serine-Threonine Kinase Akt. <i>Molecular and Cellular Biology</i> , 1999, 19, 6286-6296.	1.1	324