

# Tadahiro Kitamura

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

5,610  
citations

159585

30  
h-index

189892

50  
g-index

51  
all docs

51  
docs citations

51  
times ranked

6189  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.4	5
2	Comprehensive efficacy of ipragliflozin on various conditioned type 2 diabetes compared with dipeptidyl peptidase-4 inhibitors and with both agents, based on a real-world multicenter trial. <i>Diabetology International</i> , 2021, 12, 364-378.	1.4	2
3	Role of PDK1 in skeletal muscle hypertrophy induced by mechanical load. <i>Scientific Reports</i> , 2021, 11, 3447.	3.3	8
4	Measurement of Plasma Glucagon Levels Using Mass Spectrometry in Patients with Type 2 Diabetes on Maintenance Hemodialysis. <i>Kidney and Blood Pressure Research</i> , 2021, 46, 652-656.	2.0	3
5	Study of glucagon response and its association with glycemic control and variability after administration of ipragliflozin as an adjunctive to insulin treatment in patients with type 1 diabetes (Suglat-AID). <i>Medicine, Case Reports and Study Protocols</i> , 2021, 2, e0135.	0.1	2
6	Disordered branched chain amino acid catabolism in pancreatic islets is associated with postprandial hypersecretion of glucagon in diabetic mice. <i>Journal of Nutritional Biochemistry</i> , 2021, 97, 108811.	4.2	16
7	HNF1 $\alpha$ controls glucagon secretion in pancreatic $\beta$ -cells through modulation of SGLT1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165898.	3.8	10
8	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenase-leukotriene B <sub>4</sub> axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11674-11684.	7.1	23
9	Plasma glucagon levels measured by sandwich ELISA are correlated with impaired glucose tolerance in type 2 diabetes. <i>Endocrine Journal</i> , 2020, 67, 903-922.	1.6	15
10	Anagliptin suppresses diet-induced obesity through enhancing leptin sensitivity and ameliorating hyperphagia in high-fat high-sucrose diet fed mice. <i>Endocrine Journal</i> , 2020, 67, 523-529.	1.6	6
11	Cell Autonomous Dysfunction and Insulin Resistance in Pancreatic $\beta$ Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3699.	4.1	15
12	Basal glucagon hypersecretion and response to oral glucose load in prediabetes and mild type 2 diabetes. <i>Endocrine Journal</i> , 2019, 66, 663-675.	1.6	33
13	SGLT1 in pancreatic $\beta$ cells regulates glucagon secretion in mice, possibly explaining the distinct effects of SGLT2 inhibitors on plasma glucagon levels. <i>Molecular Metabolism</i> , 2019, 19, 1-12.	6.5	75
14	Recent Progress of Glucagon Research. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2019, 108, 2177-2185.	0.0	0
15	Neuronal SIRT1 regulates macronutrient-based diet selection through FGF21 and oxytocin signalling in mice. <i>Nature Communications</i> , 2018, 9, 4604.	12.8	46
16	A central-acting connexin inhibitor, INI-0602, prevents high-fat diet-induced feeding pattern disturbances and obesity in mice. <i>Molecular Brain</i> , 2018, 11, 28.	2.6	14
17	ChREBP-Knockout Mice Show Sucrose Intolerance and Fructose Malabsorption. <i>Nutrients</i> , 2018, 10, 340.	4.1	31
18	Overexpression of Nmnat3 efficiently increases NAD and NGD levels and ameliorates age-associated insulin resistance. <i>Aging Cell</i> , 2018, 17, e12798.	6.7	37

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19	Accurate analytical method for human plasma glucagon levels using liquid chromatography-high resolution mass spectrometry: comparison with commercially available immunoassays. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5911-5918.	3.7	58
20	Sweet Taste Receptor Serves to Activate Glucose- and Leptin-Responsive Neurons in the Hypothalamic Arcuate Nucleus and Participates in Glucose Responsiveness. <i>Frontiers in Neuroscience</i> , 2016, 10, 502.	2.8	45
21	Control of Appetite and Food Preference by NMDA Receptor and Its Co-Agonist d-Serine. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1081.	4.1	13
22	Overexpression of insulin receptor partially improves obese and diabetic phenotypes in <i>db/db</i> mice. <i>Endocrine Journal</i> , 2015, 62, 787-796.	1.6	12
23	<i>N</i> -methyl-D-aspartate receptor coagonist D-serine suppresses intake of high-preference food. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R561-R575.	1.8	17
24	A Mutant Allele Encoding DNA Binding-Deficient FoxO1 Differentially Regulates Hepatic Glucose and Lipid Metabolism. <i>Diabetes</i> , 2015, 64, 1951-1965.	0.6	28
25	Hypothalamic SIRT1 prevents age-associated weight gain by improving leptin sensitivity in mice. <i>Diabetologia</i> , 2014, 57, 819-831.	6.3	80
26	Sirt1 rescues the obesity induced by insulin-resistant constitutively active nuclear FoxO1 in POMC neurons of male mice. <i>Obesity</i> , 2014, 22, 2115-2119.	3.0	23
27	The role of FOXO1 in $\beta$ -cell failure and type 2 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2013, 9, 615-623.	9.6	173
28	Miglitol prevents diet-induced obesity by stimulating brown adipose tissue and energy expenditure independent of preventing the digestion of carbohydrates. <i>Endocrine Journal</i> , 2013, 60, 1117-1129.	1.6	7
29	FoxO1 as a double-edged sword in the pancreas: analysis of pancreas- and $\beta$ -cell-specific FoxO1 knockout mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E603-E613.	3.5	56
30	Overexpression of FoxO1 in the Hypothalamus and Pancreas Causes Obesity and Glucose Intolerance. <i>Endocrinology</i> , 2012, 153, 659-671.	2.8	41
31	Hypothalamic Sirt1 and regulation of food intake. <i>Diabetology International</i> , 2012, 3, 109-112.	1.4	6
32	Generation of functional insulin-producing cells in the gut by Foxo1 ablation. <i>Nature Genetics</i> , 2012, 44, 406-412.	21.4	150
33	Hepatic FoxO1 Integrates Glucose Utilization and Lipid Synthesis through Regulation of Chrebp O-Glycosylation. <i>PLoS ONE</i> , 2012, 7, e47231.	2.5	62
34	FoxO1 Gain of Function in the Pancreas Causes Glucose Intolerance, Polycystic Pancreas, and Islet Hypervascularization. <i>PLoS ONE</i> , 2012, 7, e32249.	2.5	24
35	Roles of FoxO1 and Sirt1 in the central regulation of food intake. <i>Endocrine Journal</i> , 2010, 57, 939-946.	1.6	69
36	Induction of Hypothalamic Sirt1 Leads to Cessation of Feeding via Agouti-Related Peptide. <i>Endocrinology</i> , 2010, 151, 2556-2566.	2.8	92

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37	Regulation of Pancreatic Juxtaductal Endocrine Cell Formation by FoxO1. <i>Molecular and Cellular Biology</i> , 2009, 29, 4417-4430.	2.3	53
38	Role of FoxO Proteins in Pancreatic $\beta$ Cells. <i>Endocrine Journal</i> , 2007, 54, 507-515.	1.6	98
39	A Foxo/Notch pathway controls myogenic differentiation and fiber type specification. <i>Journal of Clinical Investigation</i> , 2007, 117, 2477-2485.	8.2	237
40	Forkhead protein FoxO1 mediates Agrp-dependent effects of leptin on food intake. <i>Nature Medicine</i> , 2006, 12, 534-540.	30.7	397
41	Dual role of transcription factor FoxO1 in controlling hepatic insulin sensitivity and lipid metabolism. <i>Journal of Clinical Investigation</i> , 2006, 116, 2464-72.	8.2	348
42	FoxO1 protects against pancreatic $\beta$ cell failure through NeuroD and MafA induction. <i>Cell Metabolism</i> , 2005, 2, 153-163.	16.2	521
43	Mosaic analysis of insulin receptor function. <i>Journal of Clinical Investigation</i> , 2004, 113, 209-219.	8.2	35
44	Insulin Receptor Knockout Mice. <i>Annual Review of Physiology</i> , 2003, 65, 313-332.	13.1	220
45	The Forkhead Transcription Factor Foxo1 Regulates Adipocyte Differentiation. <i>Developmental Cell</i> , 2003, 4, 119-129.	7.0	662
46	Regulation of insulin-like growth factor $\beta$ dependent myoblast differentiation by Foxo forkhead transcription factors. <i>Journal of Cell Biology</i> , 2003, 162, 535-541.	5.2	182
47	Regulation of insulin action and pancreatic $\beta$ -cell function by mutated alleles of the gene encoding forkhead transcription factor Foxo1. <i>Nature Genetics</i> , 2002, 32, 245-253.	21.4	597
48	The forkhead transcription factor Foxo1 links insulin signaling to Pdx1 regulation of pancreatic $\beta$ cell growth. <i>Journal of Clinical Investigation</i> , 2002, 110, 1839-1847.	8.2	291
49	The forkhead transcription factor Foxo1 links insulin signaling to Pdx1 regulation of pancreatic $\beta$ cell growth. <i>Journal of Clinical Investigation</i> , 2002, 110, 1839-1847.	8.2	503
50	Insulin Regulation of Gene Expression through the Forkhead Transcription Factor Foxo1 (Fkhr) Requires Kinases Distinct from Akt. <i>Biochemistry</i> , 2001, 40, 11768-11776.	2.5	72
51	Preserved Pancreatic $\beta$ -Cell Development and Function in Mice Lacking the Insulin Receptor-Related Receptor. <i>Molecular and Cellular Biology</i> , 2001, 21, 5624-5630.	2.3	97