

# Tadahiro Kitamura

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

5,610  
citations

159358

30  
h-index

189595

50  
g-index

51  
all docs

51  
docs citations

51  
times ranked

6189  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Forkhead Transcription Factor Foxo1 Regulates Adipocyte Differentiation. <i>Developmental Cell</i> , 2003, 4, 119-129.	3.1	662
2	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.	9.4	597
3	FoxO1 protects against pancreatic $\beta$ cell failure through NeuroD and MafA induction. <i>Cell Metabolism</i> , 2005, 2, 153-163.	7.2	521
4	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.	3.9	503
5	Forkhead protein FoxO1 mediates Agrp-dependent effects of leptin on food intake. <i>Nature Medicine</i> , 2006, 12, 534-540.	15.2	397
6	Dual role of transcription factor FoxO1 in controlling hepatic insulin sensitivity and lipid metabolism. <i>Journal of Clinical Investigation</i> , 2006, 116, 2464-72.	3.9	348
7	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.	3.9	291
8	A Foxo/Notch pathway controls myogenic differentiation and fiber type specification. <i>Journal of Clinical Investigation</i> , 2007, 117, 2477-2485.	3.9	237
9	Insulin Receptor Knockout Mice. <i>Annual Review of Physiology</i> , 2003, 65, 313-332.	5.6	220
10	Regulation of insulin-like growth factor $\alpha$ -dependent myoblast differentiation by Foxo forkhead transcription factors. <i>Journal of Cell Biology</i> , 2003, 162, 535-541.	2.3	182
11	The role of FOXO1 in $\beta$ -cell failure and type 2 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2013, 9, 615-623.	4.3	173
12	Generation of functional insulin-producing cells in the gut by Foxo1 ablation. <i>Nature Genetics</i> , 2012, 44, 406-412.	9.4	150
13	Role of FoxO Proteins in Pancreatic $\beta$ Cells. <i>Endocrine Journal</i> , 2007, 54, 507-515.	0.7	98
14	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.	1.1	97
15	Induction of Hypothalamic Sirt1 Leads to Cessation of Feeding via Agouti-Related Peptide. <i>Endocrinology</i> , 2010, 151, 2556-2566.	1.4	92
16	Hypothalamic SIRT1 prevents age-associated weight gain by improving leptin sensitivity in mice. <i>Diabetologia</i> , 2014, 57, 819-831.	2.9	80
17	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.	3.0	75
18	Insulin Regulation of Gene Expression through the Forkhead Transcription Factor Foxo1 (Fkhr) Requires Kinases Distinct from Akt. <i>Biochemistry</i> , 2001, 40, 11768-11776.	1.2	72

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19	Roles of FoxO1 and Sirt1 in the central regulation of food intake. <i>Endocrine Journal</i> , 2010, 57, 939-946.	0.7	69
20	Hepatic FoxO1 Integrates Glucose Utilization and Lipid Synthesis through Regulation of Chrebp O-Glycosylation. <i>PLoS ONE</i> , 2012, 7, e47231.	1.1	62
21	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.	1.9	58
22	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.	1.8	56
23	Regulation of Pancreatic Juxtaductal Endocrine Cell Formation by FoxO1. <i>Molecular and Cellular Biology</i> , 2009, 29, 4417-4430.	1.1	53
24	Neuronal SIRT1 regulates macronutrient-based diet selection through FGF21 and oxytocin signalling in mice. <i>Nature Communications</i> , 2018, 9, 4604.	5.8	46
25	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.	1.4	45
26	Overexpression of FoxO1 in the Hypothalamus and Pancreas Causes Obesity and Glucose Intolerance. <i>Endocrinology</i> , 2012, 153, 659-671.	1.4	41
27	Overexpression of Nmnat3 efficiently increases $\langle \text{NAD} \rangle$ and $\langle \text{NGD} \rangle$ levels and ameliorates age-associated insulin resistance. <i>Aging Cell</i> , 2018, 17, e12798.	3.0	37
28	Mosaic analysis of insulin receptor function. <i>Journal of Clinical Investigation</i> , 2004, 113, 209-219.	3.9	35
29	Basal glucagon hypersecretion and response to oral glucose load in prediabetes and mild type 2 diabetes. <i>Endocrine Journal</i> , 2019, 66, 663-675.	0.7	33
30	ChREBP-Knockout Mice Show Sucrose Intolerance and Fructose Malabsorption. <i>Nutrients</i> , 2018, 10, 340.	1.7	31
31	A Mutant Allele Encoding DNA Binding-Deficient FoxO1 Differentially Regulates Hepatic Glucose and Lipid Metabolism. <i>Diabetes</i> , 2015, 64, 1951-1965.	0.3	28
32	FoxO1 Gain of Function in the Pancreas Causes Glucose Intolerance, Polycystic Pancreas, and Islet Hypervascularization. <i>PLoS ONE</i> , 2012, 7, e32249.	1.1	24
33	Sirt1 rescues the obesity induced by insulin-resistant constitutively nuclear FoxO1 in POMC neurons of male mice. <i>Obesity</i> , 2014, 22, 2115-2119.	1.5	23
34	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.	3.3	23
35	<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.	0.9	17
36	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.	1.9	16

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37	Cell Autonomous Dysfunction and Insulin Resistance in Pancreatic $\beta$ Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3699.	1.8	15
38	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.	0.7	15
39	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.	1.3	14
40	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.	1.8	13
41	Overexpression of insulin receptor partially improves obese and diabetic phenotypes in $db/db$ mice. <i>Endocrine Journal</i> , 2015, 62, 787-796.	0.7	12
42	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.	1.8	10
43	Role of PDK1 in skeletal muscle hypertrophy induced by mechanical load. <i>Scientific Reports</i> , 2021, 11, 3447.	1.6	8
44	Migliol 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.	0.7	7
45	Hypothalamic Sirt1 and regulation of food intake. <i>Diabetology International</i> , 2012, 3, 109-112.	0.7	6
46	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.	0.7	6
47	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.	1.1	5
48	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.	0.9	3
49	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.	0.7	2
50	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.	0.0	2
51	Recent Progress of Glucagon Research. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2019, 108, 2177-2185.	0.0	0