Tadahiro Kitamura

List of Publications by Year
in descending order

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	Pseudoâ€hyperglucagonemia was observed in pancreatectomized patients when measured by glucagon sandwich enzymeâ€linked immunosorbent assay. Journal of Diabetes Investigation, 2021, 12, 286-289.	1.1	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. Diabetology International, 2021, 12, 364-378.	0.7	2
3	Role of PDK1 in skeletal muscle hypertrophy induced by mechanical load. Scientific Reports, 2021, 11, 3447.	1.6	8
4	Measurement of Plasma Glucagon Levels Using Mass Spectrometry in Patients with Type 2 Diabetes on Maintenance Hemodialysis. Kidney and Blood Pressure Research, 2021, 46, 652-656.	0.9	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). Medicine, Case Reports and Study Protocols, 2021, 2, e0135.	0.0	2
6	Disordered branched chain amino acid catabolism in pancreatic islets is associated with postprandial hypersecretion of glucagon in diabetic mice. Journal of Nutritional Biochemistry, 2021, 97, 108811.	1.9	16
7	HNF1Î± controls glucagon secretion in pancreatic Î±-cells through modulation of SGLT1. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165898.	1.8	10
8	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenaseâ€“leukotriene B ₄ axis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11674-11684.	3.3	23
9	Plasma glucagon levels measured by sandwich ELISA are correlated with impaired glucose tolerance in type 2 diabetes. Endocrine Journal, 2020, 67, 903-922.	0.7	15
10	Anagliptin suppresses diet-induced obesity through enhancing leptin sensitivity and ameliorating hyperphagia in high-fat high-sucrose diet fed mice. Endocrine Journal, 2020, 67, 523-529.	0.7	6
11	Cell Autonomous Dysfunction and Insulin Resistance in Pancreatic Î± Cells. International Journal of Molecular Sciences, 2019, 20, 3699.	1.8	15
12	Basal glucagon hypersecretion and response to oral glucose load in prediabetes and mild type 2 diabetes. Endocrine Journal, 2019, 66, 663-675.	0.7	33
13	SGLT1 in pancreatic Î± cells regulates glucagon secretion in mice, possibly explaining the distinct effects of SGLT2 inhibitors on plasma glucagon levels. Molecular Metabolism, 2019, 19, 1-12.	3.0	75
14	Recent Progress of Glucagon Research. The Journal of the Japanese Society of Internal Medicine, 2019, 108, 2177-2185.	0.0	0
15	Neuronal SIRT1 regulates macronutrient-based diet selection through FGF21 and oxytocin signalling in mice. Nature Communications, 2018, 9, 4604.	5.8	46
16	A central-acting connexin inhibitor, INI-0602, prevents high-fat diet-induced feeding pattern disturbances and obesity in mice. Molecular Brain, 2018, 11, 28.	1.3	14
17	ChREBP-Knockout Mice Show Sucrose Intolerance and Fructose Malabsorption. Nutrients, 2018, 10, 340.	1.7	31
18	Overexpression of Nmnat3 efficiently increases <scp>NAD</scp> and <scp>NGD</scp> levels and ameliorates ageâ€associated insulin resistance. Aging Cell, 2018, 17, e12798.	3.0	37

#	Article	IF	Citations
19	Accurate analytical method for human plasma glucagon levels using liquid chromatography-high resolution mass spectrometry: comparison with commercially available immunoassays. Analytical and Bioanalytical Chemistry, 2017, 409, 5911-5918.	1.9	58
20	Sweet Taste Receptor Serves to Activate Glucose- and Leptin-Responsive Neurons in the Hypothalamic Arcuate Nucleus and Participates in Glucose Responsiveness. Frontiers in Neuroscience, 2016, 10, 502.	1.4	45
21	Control of Appetite and Food Preference by NMDA Receptor and Its Co-Agonist d-Serine. International Journal of Molecular Sciences, 2016, 17, 1081.	1.8	13
22	Overexpression of insulin receptor partially improves obese and diabetic phenotypes in <i>db/db</i> mice. Endocrine Journal, 2015, 62, 787-796.	0.7	12
23	<i>N</i>-methyl-<scp>d</scp>-aspartate receptor coagonist <scp>d</scp>-serine suppresses intake of high-preference food. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R561-R575.	0.9	17
24	A Mutant Allele Encoding DNA Bindingâ€“Deficient FoxO1 Differentially Regulates Hepatic Glucose and Lipid Metabolism. Diabetes, 2015, 64, 1951-1965.	0.3	28
25	Hypothalamic SIRT1 prevents age-associated weight gain by improving leptin sensitivity in mice. Diabetologia, 2014, 57, 819-831.	2.9	80
26	Sirt1 rescues the obesity induced by insulinâ€resistant constitutivelyâ€nuclear FoxO1 in POMC neurons of male mice. Obesity, 2014, 22, 2115-2119.	1.5	23
27	The role of FOXO1 in Î²-cell failure and type 2 diabetes mellitus. Nature Reviews Endocrinology, 2013, 9, 615-623.	4.3	173
28	Miglitol prevents diet-induced obesity by stimulating brown adipose tissue and energy expenditure independent of preventing the digestion of carbohydrates. Endocrine Journal, 2013, 60, 1117-1129.	0.7	7
29	FoxO1 as a double-edged sword in the pancreas: analysis of pancreas- and Î²-cell-specific FoxO1 knockout mice. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E603-E613.	1.8	56
30	Overexpression of FoxO1 in the Hypothalamus and Pancreas Causes Obesity and Glucose Intolerance. Endocrinology, 2012, 153, 659-671.	1.4	41
31	Hypothalamic Sirt1 and regulation of food intake. Diabetology International, 2012, 3, 109-112.	0.7	6
32	Generation of functional insulin-producing cells in the gut by Foxo1 ablation. Nature Genetics, 2012, 44, 406-412.	9.4	150
33	Hepatic FoxO1 Integrates Glucose Utilization and Lipid Synthesis through Regulation of Chrebp O-Glycosylation. PLoS ONE, 2012, 7, e47231.	1.1	62
34	FoxO1 Gain of Function in the Pancreas Causes Glucose Intolerance, Polycystic Pancreas, and Islet Hypervascularization. PLoS ONE, 2012, 7, e32249.	1.1	24
35	Roles of FoxO1 and Sirt1 in the central regulation of food intake. Endocrine Journal, 2010, 57, 939-946.	0.7	69
36	Induction of Hypothalamic Sirt1 Leads to Cessation of Feeding via Agouti-Related Peptide. Endocrinology, 2010, 151, 2556-2566.	1.4	92

#	Article	IF	Citations
37	Regulation of Pancreatic Juxtaductal Endocrine Cell Formation by FoxO1. Molecular and Cellular Biology, 2009, 29, 4417-4430.	1.1	53
38	Role of FoxO Proteins in Pancreatic .BETA. Cells. Endocrine Journal, 2007, 54, 507-515.	0.7	98
39	A Foxo/Notch pathway controls myogenic differentiation and fiber type specification. Journal of Clinical Investigation, 2007, 117, 2477-2485.	3.9	237
40	Forkhead protein FoxO1 mediates Agrp-dependent effects of leptin on food intake. Nature Medicine, 2006, 12, 534-540.	15.2	397
41	Dual role of transcription factor FoxO1 in controlling hepatic insulin sensitivity and lipid metabolism. Journal of Clinical Investigation, 2006, 116, 2464-72.	3.9	348
42	FoxO1 protects against pancreatic Î² cell failure through NeuroD and MafA induction. Cell Metabolism, 2005, 2, 153-163.	7.2	521
43	Mosaic analysis of insulin receptor function. Journal of Clinical Investigation, 2004, 113, 209-219.	3.9	35
44	Insulin Receptor Knockout Mice. Annual Review of Physiology, 2003, 65, 313-332.	5.6	220
45	The Forkhead Transcription Factor Foxo1 Regulates Adipocyte Differentiation. Developmental Cell, 2003, 4, 119-129.	3.1	662
46	Regulation of insulin-like growth factorâ€"dependent myoblast differentiation by Foxo forkhead transcription factors. Journal of Cell Biology, 2003, 162, 535-541.	2.3	182
47	Regulation of insulin action and pancreatic Î²-cell function by mutated alleles of the gene encoding forkhead transcription factor Foxo1. Nature Genetics, 2002, 32, 245-253.	9.4	597
48	The forkhead transcription factor Foxo1 links insulin signaling to Pdx1 regulation of pancreatic Î² cell growth. Journal of Clinical Investigation, 2002, 110, 1839-1847.	3.9	291
49	The forkhead transcription factor Foxo1 links insulin signaling to Pdx1 regulation of pancreatic Î² cell growth. Journal of Clinical Investigation, 2002, 110, 1839-1847.	3.9	503
50	Insulin Regulation of Gene Expression through the Forkhead Transcription Factor Foxo1 (Fkhr) Requires Kinases Distinct from Aktâ€. Biochemistry, 2001, 40, 11768-11776.	1.2	72
51	Preserved Pancreatic Î²-Cell Development and Function in Mice Lacking the Insulin Receptor-Related Receptor. Molecular and Cellular Biology, 2001, 21, 5624-5630.	1.1	97