Naoto Kubota

List of Publications by Year in Descending Order

55 papers	6,785 citations	27 h-index	60 g-index
60 ext. papers	7,526 ext. citations	10 avg, IF	5.06 L-index

#	Paper	IF	Citations
55	LPL/AQP7/GPD2 promotes glycerol metabolism under hypoxia and prevents cardiac dysfunction during ischemia. *FASEB Journal*, **2021**, 35, e22048	0.9	1
54	Role of Insulin Resistance in MAFLD. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	16
53	Midlobular zone 2 hepatocytes: A gatekeeper of liver homeostasis. *Cell Metabolism*, **2021**, 33, 855-856	24.6	
52	Lack of Brain Insulin Receptor Substrate-1 Causes Growth Retardation, With Decreased Expression of Growth Hormone-Releasing Hormone in the Hypothalamus. *Diabetes*, **2021**, 70, 1640-1653	0.9	1
51	LPIAT1/MBOAT7 depletion increases triglyceride synthesis fueled by high phosphatidylinositol turnover. *Gut*, **2021**, 70, 180-193	19.2	39
50	Association between tear and blood glucose concentrations: Random intercept model adjusted with confounders in tear samples negative for occult blood. *Journal of Diabetes Investigation*, **2021**, 12, 266-276	3.9	11
49	Sex-related differences in the effects of nutritional status and body composition on functional disability in the elderly. *PLoS ONE*, **2021**, 16, e0246276	3.7	6
48	Protein intake after the initiation of chemotherapy is an independent prognostic factor for overall survival in patients with unresectable pancreatic cancer: A prospective cohort study. *Clinical Nutrition*, **2021**, 40, 4792-4798	5.9	3
47	A xanthene derivative, DS20060511, attenuates glucose intolerance by inducing skeletal muscle-specific GLUT4 translocation in mice. *Communications Biology*, **2021**, 4, 994	6.7	1
46	Differential involvement of insulin receptor substrate (IRS)-1 and IRS-2 in brain insulin signaling is associated with the effects on amyloid pathology in a mouse model of Alzheimer's disease. *Neurobiology of Disease*, **2021**, 159, 105510	7.5	1
45	A Case of Chronic Intestinal Pseudo-obstruction with Mitochondrial Diseases. *Internal Medicine*, **2021**,	1.1	1
44	Insulin- and Lipopolysaccharide-Mediated Signaling in Adipose Tissue Macrophages Regulates Postprandial Glycemia through Akt-mTOR Activation. *Molecular Cell*, **2020**, 79, 43-53.e4	17.6	12
43	Using mHealth to Provide Mobile App Users With Visualization of Health Checkup Data and Educational Videos on Lifestyle-Related Diseases: Methodological Framework for Content Development. *JMIR MHealth and UHealth*, **2020**, 8, e20982	5.5	4
42	Differential effects of diet- and genetically-induced brain insulin resistance on amyloid pathology in a mouse model of Alzheimer's disease. *Molecular Neurodegeneration*, **2019**, 14, 15	19	46
41	Hepatic Sdf2l1 controls feeding-induced ER stress and regulates metabolism. *Nature Communications*, **2019**, 10, 947	17.4	28
40	Late-Evening Carbohydrate and Branched-Chain Amino Acid Snacks Improve the Nutritional Status of Patients Undergoing Hepatectomy Based on Bioelectrical Impedance Analysis of Body Composition. *Gastrointestinal Tumors*, **2019**, 6, 81-91	1.3	1
39	Effect of home enteral nutrition after pancreaticoduodenectomy. *Nutrition*, **2019**, 60, 206-211	4.8	2

38	The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. *Molecular and Cellular Biology*, **2018**, 38,	4.8	65
37	Downregulation of macrophage Irs2 by hyperinsulinemia impairs IL-4-indeuced M2a-subtype macrophage activation in obesity. *Nature Communications*, **2018**, 9, 4863	17.4	27
36	Adiponectin Enhances Quiescence Exit of Murine Hematopoietic Stem Cells and Hematopoietic Recovery Through mTORC1 Potentiation. *Stem Cells*, **2017**, 35, 1835-1848	5.8	23
35	Dual Regulation of Gluconeogenesis by Insulin and Glucose in the Proximal Tubules of the Kidney. *Diabetes*, **2017**, 66, 2339-2350	0.9	44
34	Imbalanced Insulin Actions in Obesity and Type 2 Diabetes: Key Mouse Models of Insulin Signaling Pathway. *Cell Metabolism*, **2017**, 25, 797-810	24.6	84
33	Novel and Simple Ultrasonographic Methods for Estimating the Abdominal Visceral Fat Area. *International Journal of Endocrinology*, **2017**, 2017, 8796069	2.7	4
32	Role of insulin receptor substrates in the progression of hepatocellular carcinoma. *Scientific Reports*, **2017**, 7, 5387	4.9	23
31	Anagliptin increases insulin-induced skeletal muscle glucose uptake via an NO-dependent mechanism in mice. *Diabetologia*, **2016**, 59, 2426-2434	10.3	14
30	Differential hepatic distribution of insulin receptor substrates causes selective insulin resistance in diabetes and obesity. *Nature Communications*, **2016**, 7, 12977	17.4	51
29	Pioglitazone Ameliorates Smooth Muscle Cell Proliferation in Cuff-Induced Neointimal Formation by Both Adiponectin-Dependent and -Independent Pathways. *Scientific Reports*, **2016**, 6, 34707	4.9	5
28	Adiponectin Enhances Antibacterial Activity of Hematopoietic Cells by Suppressing Bone Marrow Inflammation. *Immunity*, **2016**, 44, 1422-33	32.3	29
27	Tofogliflozin Improves Insulin Resistance in Skeletal Muscle and Accelerates Lipolysis in Adipose Tissue in Male Mice. *Endocrinology*, **2016**, 157, 1029-42	4.8	90
26	Calorie restriction-mediated restoration of hypothalamic signal transducer and activator of transcription 3 (STAT3) phosphorylation is not effective for lowering the body weight set point in IRS-2 knockout obese mice. *Diabetology International*, **2015**, 6, 321-335	2.3	2
25	Sirtuin1 Maintains Actin Cytoskeleton by Deacetylation of Cortactin in Injured Podocytes. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 1939-59	12.7	46
24	Insulin receptor substrate-2 (Irs2) in endothelial cells plays a crucial role in insulin secretion. *Diabetes*, **2015**, 64, 876-86	0.9	28
23	Effects of beraprost sodium, an oral prostacyclin analog, on insulin resistance in patients with type 2 diabetes. *Diabetology International*, **2015**, 6, 39-45	2.3	1
22	L-cysteine reversibly inhibits glucose-induced biphasic insulin secretion and ATP production by inactivating PKM2. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E1067-76	11.5	41
21	TCF7L2 in mouse pancreatic beta cells plays a crucial role in glucose homeostasis by regulating beta cell mass. *Diabetologia*, **2014**, 57, 542-53	10.3	64

20	Combined treatment with low-dose pioglitazone and beraprost sodium improves glucose intolerance without causing body weight gain. *Diabetology International*, **2013**, 4, 226-232	2.3	2
19	The role of endothelial insulin signaling in the regulation of glucose metabolism. *Reviews in Endocrine and Metabolic Disorders*, **2013**, 14, 207-16	10.5	24
18	SnapShot: physiology of insulin signaling. *Cell*, **2012**, 148, 834-834.e1	56.2	9
17	Impaired insulin signaling in endothelial cells reduces insulin-induced glucose uptake by skeletal muscle. *Cell Metabolism*, **2011**, 13, 294-307	24.6	298
16	Adiponectin enhances insulin sensitivity by increasing hepatic IRS-2 expression via a macrophage-derived IL-6-dependent pathway. *Cell Metabolism*, **2011**, 13, 401-412	24.6	197
15	Fast and accurate ultrasonography for visceral fat measurement. *Lecture Notes in Computer Science*, **2010**, 13, 50-8	0.9	2
14	Evi1 Is a Stem Cell-Specific Regulator of Self-Renewal Capacity In the Definitive Hematopoietic System. *Blood*, **2010**, 116, 838-838	2.2	
13	The physiological and pathophysiological role of adiponectin and adiponectin receptors in the peripheral tissues and CNS. *FEBS Letters*, **2008**, 582, 74-80	3.8	191
12	Dynamic functional relay between insulin receptor substrate 1 and 2 in hepatic insulin signaling during fasting and feeding. *Cell Metabolism*, **2008**, 8, 49-64	24.6	172
11	Adiponectin stimulates AMP-activated protein kinase in the hypothalamus and increases food intake. *Cell Metabolism*, **2007**, 6, 55-68	24.6	583
10	Glucokinase and IRS-2 are required for compensatory beta cell hyperplasia in response to high-fat diet-induced insulin resistance. *Journal of Clinical Investigation*, **2007**, 117, 246-57	15.9	262
9	Overexpression of monocyte chemoattractant protein-1 in adipose tissues causes macrophage recruitment and insulin resistance. *Journal of Biological Chemistry*, **2006**, 281, 26602-14	5.4	638
8	Pioglitazone ameliorates insulin resistance and diabetes by both adiponectin-dependent and -independent pathways. *Journal of Biological Chemistry*, **2006**, 281, 8748-55	5.4	242
7	Adiponectin and adiponectin receptors in insulin resistance, diabetes, and the metabolic syndrome. *Journal of Clinical Investigation*, **2006**, 116, 1784-92	15.9	1967
6	Pioglitazone reduces islet triglyceride content and restores impaired glucose-stimulated insulin secretion in heterozygous peroxisome proliferator-activated receptor-gamma-deficient mice on a high-fat diet. *Diabetes*, **2004**, 53, 2844-54	0.9	81
5	Insulin receptor substrate 2 plays a crucial role in beta cells and the hypothalamus. *Journal of Clinical Investigation*, **2004**, 114, 917-27	15.9	187
4	Impact of genetic background and ablation of insulin receptor substrate (IRS)-3 on IRS-2 knock-out mice. *Journal of Biological Chemistry*, **2003**, 278, 14284-90	5.4	23
3	Lack of insulin receptor substrate-2 causes progressive neointima formation in response to vessel injury. *Circulation*, **2003**, 107, 3073-80	16.7	104

2	Disruption of adiponectin causes insulin resistance and neointimal formation. *Journal of Biological Chemistry*, **2002**, 277, 25863-6	5.4	967
1	Subcellular localization of insulin receptor substrate family proteins associated with phosphatidylinositol 3-kinase activity and alterations in lipolysis in primary mouse adipocytes from IRS-1 null mice. *Diabetes*, **2001**, 50, 1455-63	0.9	18