Yoshifumi Tamura

List of Publications by Year
in descending order

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106	3,355	186265	161849
papers	citations	28 h-index	54 g-index

110	110	110	4952
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gut Dysbiosis and Detection of â€œLive Gut Bacteriaâ€•in Blood of Japanese Patients With Type 2 Diabetes. Diabetes Care, 2014, 37, 2343-2350.	8.6	377
2	Effects of Diet and Exercise on Muscle and Liver Intracellular Lipid Contents and Insulin Sensitivity in Type 2 Diabetic Patients. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3191-3196.	3.6	288
3	The diabetes-susceptible gene SLC30A8/ZnT8 regulates hepatic insulin clearance. Journal of Clinical Investigation, 2013, 123, 4513-4524.	8.2	200
4	Comparison of Glycated Albumin (GA) and Glycated Hemoglobin (HbA1c) in Type 2 Diabetic Patients: Usefulness of GA for Evaluation of Short-term Changes in Glycemic Control. Endocrine Journal, 2007, 54, 139-144.	1.6	172
5	The Composition of Dietary Fat Directly Influences Glucose-Stimulated Insulin Secretion in Rats. Diabetes, 2002, 51, 1825-1833.	0.6	126
6	Effects of Diet-Induced Moderate Weight Reduction on Intrahepatic and Intramyocellular Triglycerides and Glucose Metabolism in Obese Subjects. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3326-3329.	3.6	113
7	Prevention of Disuse Muscular Weakness by Restriction of Blood Flow. Medicine and Science in Sports and Exercise, 2008, 40, 529-534.	0.4	111
8	Effect of resistance exercise training combined with relatively low vascular occlusion. Journal of Science and Medicine in Sport, 2009, 12, 107-112.	1.3	103
9	Probiotic reduces bacterial translocation in type 2 diabetes mellitus: A randomised controlled study. Scientific Reports, 2017, 7, 12115.	3.3	91
10	Impact of Oxidative Stress and Peroxisome Proliferatorâ€“Activated Receptor Î³ Coactivator-1Î± in Hepatic Insulin Resistance. Diabetes, 2008, 57, 2083-2091.	0.6	87
11	Blood flow restriction by low compressive force prevents disuse muscular weakness. Journal of Science and Medicine in Sport, 2011, 14, 95-99.	1.3	74
12	Protein Kinase CÎ´ Plays a Non-redundant Role in Insulin Secretion in Pancreatic Î² Cells. Journal of Biological Chemistry, 2007, 282, 2707-2716.	3.4	66
13	Long-term, but not short-term high-fat diet induces fiber composition changes and impaired contractile force in mouse fast-twitch skeletal muscle. Physiological Reports, 2017, 5, e13250.	1.7	66
14	A randomized controlled trial of 130Âg/day low-carbohydrate diet in type 2 diabetes with poor glycemic control. Clinical Nutrition, 2017, 36, 992-1000.	5.0	65
15	Exercise-induced increase in IL-6 level enhances GLUT4 expression and insulin sensitivity in mouse skeletal muscle. Biochemical and Biophysical Research Communications, 2016, 473, 947-952.	2.1	57
16	Nateglinide Reduces Carotid Intima-Media Thickening in Type 2 Diabetic Patients Under Good Glycemic Control. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2456-2462.	2.4	55
17	Relation Between Insulin Sensitivity and Metabolic Abnormalities in Japanese Men With BMI of 23â€“25 kg/m². Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3676-3684.	3.6	54
18	Relationship between olfactory dysfunction and cognitive impairment in elderly patients with type 2 diabetes mellitus. Diabetes Research and Clinical Practice, 2014, 106, 465-473.	2.8	44

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19	Functional subdivisions of the hypothalamus using areal parcellation and their signal changes related to glucose metabolism. NeuroImage, 2017, 162, 1-12.	4.2	38
20	ATM Regulates Adipocyte Differentiation and Contributes to Glucose Homeostasis. Cell Reports, 2015, 10, 957-967.	6.4	35
21	Type 2 Diabetes: When Does It Start?. Journal of the Endocrine Society, 2018, 2, 476-484.	0.2	35
22	White Matter Alteration in Metabolic Syndrome. Diabetes Care, 2013, 36, 696-700.	8.6	34
23	Exercise-induced enhancement of insulin sensitivity is associated with accumulation of M2-polarized macrophages in mouse skeletal muscle. Biochemical and Biophysical Research Communications, 2013, 441, 36-41.	2.1	33
24	Strict Glycemic Control Ameliorates the Increase of Carotid IMT in Patients with Type 2 Diabetes. Endocrine Journal, 2006, 53, 45-50.	1.6	32
25	Determinants of intramyocellular lipid accumulation after dietary fat loading in non-obese men. Journal of Diabetes Investigation, 2011, 2, 310-317.	2.4	32
26	Amelioration of glucose tolerance by hepatic inhibition of nuclear factor Î¹B in db/db mice. Diabetologia, 2006, 50, 131-141.	6.3	31
27	Increased intramyocellular lipid/impaired insulin sensitivity is associated with altered lipid metabolic genes in muscle of high responders to a high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E32-E40.	3.5	31
28	Morningnessâ€“eveningness questionnaire score correlates with glycated hemoglobin in middleâ€aged male workers with type 2 diabetes mellitus. Journal of Diabetes Investigation, 2013, 4, 376-381.	2.4	30
29	Age-Related Changes in Relaxation Times, Proton Density, Myelin, and Tissue Volumes in Adult Brain Analyzed by 2-Dimensional Quantitative Synthetic Magnetic Resonance Imaging. Investigative Radiology, 2021, 56, 163-172.	6.2	30
30	Short-term effects of dietary fat on intramyocellular lipid in sprinters and endurance runners. Metabolism: Clinical and Experimental, 2008, 57, 373-379.	3.4	29
31	Potential application of testosterone replacement therapy as treatment for obesity and type 2 diabetes in men. Steroids, 2018, 138, 161-166.	1.8	29
32	Clinical Features of Nonobese, Apparently Healthy, Japanese Men With Reduced Adipose Tissue Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2325-2333.	3.6	29
33	Skeletal muscle function and need for long-term care of urban elderly people in Japan (the Bunkyo) Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	29
34	An Investigation of Water Diffusivity Changes along the Perivascular Space in Elderly Subjects with Hypertension. American Journal of Neuroradiology, 2022, 43, 48-55.	2.4	28
35	Correlates of insulin clearance in apparently healthy non-obese Japanese men. Scientific Reports, 2017, 7, 1462.	3.3	27
36	Association between Myocardial Triglyceride Content and Cardiac Function in Healthy Subjects and Endurance Athletes. PLoS ONE, 2013, 8, e61604.	2.5	26

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37	A chronic high-fat diet exacerbates contractile dysfunction with impaired intracellular Ca²⁺ release capacity in the skeletal muscle of aged mice. Journal of Applied Physiology, 2020, 128, 1153-1162.	2.5	26
38	Effects of metformin on peripheral insulin sensitivity and intracellular lipid contents in muscle and liver of overweight Japanese subjects. Diabetes, Obesity and Metabolism, 2008, 10, 733-738.	4.4	24
39	Effects of sitagliptin on ectopic fat contents and glucose metabolism in type 2 diabetic patients with fatty liver: A pilot study. Journal of Diabetes Investigation, 2015, 6, 164-172.	2.4	23
40	Responsiveness of insulin-induced cardiac sympathetic nerve activation associates with blood pressure regulation in diabetics. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E1022-E1026.	3.5	22
41	Impaired insulin clearance as a cause rather than a consequence of insulin resistance. Journal of Diabetes Investigation, 2017, 8, 723-725.	2.4	22
42	Sarcopenic obesity is associated with cognitive impairment in community-dwelling older adults: The Bunkyo Health Study. Clinical Nutrition, 2022, 41, 1046-1051.	5.0	22
43	Association Between Expression of FABPpm in Skeletal Muscle and Insulin Sensitivity in Intramyocellular Lipid-Accumulated Nonobese Men. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3343-3352.	3.6	21
44	Fatty Liver Has Stronger Association With Insulin Resistance Than Visceral Fat Accumulation in Nonobese Japanese Men. Journal of the Endocrine Society, 2019, 3, 1409-1416.	0.2	21
45	Efficacy and safety of modified Yale insulin infusion protocol in Japanese diabetic patients after open-heart surgery. Diabetes Research and Clinical Practice, 2008, 81, 296-302.	2.8	20
46	Characteristics of Glucose Metabolism in Underweight Japanese Women. Journal of the Endocrine Society, 2018, 2, 279-289.	0.2	20
47	Dysfunction of muscle contraction with impaired intracellular Ca²⁺handling in skeletal muscle and the effect of exercise training in maledb/dbmice. Journal of Applied Physiology, 2019, 126, 170-182.	2.5	20
48	Attempted suicide with liraglutide overdose did not induce hypoglycemia. Diabetes Research and Clinical Practice, 2013, 99, e3-e4.	2.8	17
49	Myocardial triglyceride content in patients with left ventricular hypertrophy: comparison between hypertensive heart disease and hypertrophic cardiomyopathy. Heart and Vessels, 2017, 32, 166-174.	1.2	17
50	One year follow-up after a randomized controlled trial of a 130 g/day low-carbohydrate diet in patients with type 2 diabetes mellitus and poor glycemic control. PLoS ONE, 2017, 12, e0188892.	2.5	17
51	Characteristics of hepatic insulinâ€sensitive nonalcoholic fatty liver disease. Hepatology Communications, 2017, 1, 634-647.	4.3	16
52	N-(carboxymethyl)valine residues in hemoglobin (CMV-Hb) reflect accumulation of oxidative stress in diabetic patients. Diabetes Research and Clinical Practice, 2005, 69, 272-278.	2.8	15
53	Ectopic fat, insulin resistance and metabolic disease in non-obese Asians: investigating metabolic gradation. Endocrine Journal, 2019, 66, 1-9.	1.6	15
54	Prevalence and Features of Impaired Glucose Tolerance in Young Underweight Japanese Women. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2053-e2062.	3.6	15

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55	A body mass index over 22 kg/m2 at college age is a risk factor for future diabetes in Japanese men. PLoS ONE, 2019, 14, e0211067.	2.5	14
56	Diffusional kurtosis imaging analysis in patients with hypertension. Japanese Journal of Radiology, 2014, 32, 98-104.	2.4	13
57	The factors that affect exercise therapy for patients with type 2 diabetes in Japan: a nationwide survey. Diabetology International, 2015, 6, 19-25.	1.4	13
58	Impaired peripheral insulin sensitivity in nonâ€obese Japanese patients with type 2 diabetes mellitus and fatty liver. Journal of Diabetes Investigation, 2018, 9, 529-535.	2.4	13
59	Switching from Twice-Daily Basal Insulin Injections to Once-Daily Insulin Degludec Injection for Basal-Bolus Insulin Regimen in Japanese Patients with Type 1 Diabetes: A Pilot Study. International Journal of Endocrinology, 2015, 2015, 1-6.	1.5	12
60	Slightly increased BMI at young age is a risk factor for future hypertension in Japanese men. PLoS ONE, 2018, 13, e0191170.	2.5	12
61	Ingestion of an exogenous ketone monoester improves the glycemic response during oral glucose tolerance test in individuals with impaired glucose tolerance: A crossâ€over randomized trial. Journal of Diabetes Investigation, 2021, 12, 756-762.	2.4	11
62	Effects of blood flow restriction on muscle size and gene expression in muscle during immobilization: A pilot study. Physiological Reports, 2020, 8, e14516.	1.7	10
63	Increased Systemic Glucose Tolerance with Increased Muscle Glucose Uptake in Transgenic Mice Overexpressing RXRÎ³ in Skeletal Muscle. PLoS ONE, 2011, 6, e20467.	2.5	10
64	Evaluation of Myocardial Triglyceride Accumulation Assessed on ¹H-Magnetic Resonance Spectroscopy in Apparently Healthy Japanese Subjects. Internal Medicine, 2015, 54, 367-373.	0.7	9
65	Insulin resistance and muscle weakness are synergistic risk factors for silent lacunar infarcts: the Bunkyo Health Study. Scientific Reports, 2021, 11, 21093.	3.3	9
66	Preliminary report: mitochondrial DNA 5178 polymorphism in male elite Japanese endurance runners. Metabolism: Clinical and Experimental, 2010, 59, 62-63.	3.4	8
67	Present situation of exercise therapy for patients with diabetes mellitus in Japan: a nationwide survey. Diabetology International, 2012, 3, 86-91.	1.4	8
68	Higher C-Peptide Level During Glucose Clamp Is Associated With Muscle Insulin Resistance in Nonobese Japanese Men. Journal of the Endocrine Society, 2019, 3, 1847-1857.	0.2	8
69	Three days of a eucaloric, low-carbohydrate/high-fat diet increases insulin clearance in healthy non-obese Japanese men. Scientific Reports, 2019, 9, 3857.	3.3	8
70	Trends in the prevalence of underweight in women across generations in Japan. Journal of Bone and Mineral Metabolism, 2021, 39, 719-720.	2.7	8
71	ALDH2 rs671 Is Associated With Elevated FPG, Reduced Glucose Clearance and Hepatic Insulin Resistance in Japanese Men. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3573-e3581.	3.6	8
72	Clinical Characteristics Influencing the Effectiveness of Metformin on Japanese Type 2 Diabetes Receiving Sulfonylureas. Endocrine Journal, 2007, 54, 247-253.	1.6	7

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73	Lack of evident atherosclerosis despite multiple risk factors in glycogen storage disease type 1a with hyperadiponectinemia. Metabolism: Clinical and Experimental, 2007, 56, 1402-1404.	3.4	7
74	Reliability and validity of the Japanese version of the Diabetes Quality-Of-Life questionnaire for Japanese patients with type 2 diabetes mellitus. Diabetology International, 2014, 5, 21-29.	1.4	7
75	Effects of alcohol abstinence on glucose metabolism in Japanese men with elevated fasting glucose: A pilot study. Scientific Reports, 2017, 7, 40277.	3.3	7
76	Shape of the glucose response curve during an oral glucose tolerance test is associated with insulin clearance and muscle insulin sensitivity in healthy nonâ€obese men. Journal of Diabetes Investigation, 2020, 11, 874-877.	2.4	7
77	Association Between Visceral Fat Accumulation and Exercise Tolerance in Non-Obese Subjects Without Diabetes. Journal of Clinical Medicine Research, 2018, 10, 630-635.	1.2	7
78	White matter fiber-specific degeneration in older adults with metabolic syndrome. Molecular Metabolism, 2022, 62, 101527.	6.5	7
79	Clinical factors associated with bacterial translocation in Japanese patients with type 2 diabetes: A retrospective study. PLoS ONE, 2019, 14, e0222598.	2.5	6
80	Short-term physical inactivity induces diacylglycerol accumulation and insulin resistance in muscle via lipin1 activation. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E766-E781.	3.5	6
81	Associations of Exercise Habits in Adolescence and Old Age with Risk of Osteoporosis in Older Adults: The Bunkyo Health Study. Journal of Clinical Medicine, 2021, 10, 5968.	2.4	6
82	Combined aerobic and resistance training, and incidence of diabetes: A retrospective cohort study in Japanese older women. Journal of Diabetes Investigation, 2019, 10, 997-1003.	2.4	5
83	Comparison of Brain Volume Measurements Made with 0.3- and 3-T MR Imaging. Magnetic Resonance in Medical Sciences, 2022, 21, 517-524.	2.0	5
84	Adipose Insulin Resistance and Decreased Adiponectin Are Correlated With Metabolic Abnormalities in Nonobese Men. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2228-e2238.	3.6	5
85	Inhibitory effect of mizoribine on matrix metalloproteinase-1 production in synovial fibroblasts and THP-1 macrophages. Modern Rheumatology, 2005, 15, 264-268.	1.8	5
86	Different training status may alter the continuous blood glucose kinetics in self-paced endurance running. Experimental and Therapeutic Medicine, 2015, 10, 978-982.	1.8	4
87	Muscle strength at young age is not associated with future development of type 2 diabetes in Japanese male athletes. The Journal of Physical Fitness and Sports Medicine, 2017, 6, 167-173.	0.3	4
88	Association of T2 relaxation time determined by magnetic resonance imaging and intramyocellular lipid content of the soleus muscle in healthy subjects. Journal of Diabetes Investigation, 2011, 2, 356-358.	2.4	3
89	Fasting serum free glycerol concentration is a potential surrogate marker of visceral obesity and insulin sensitivity in middle-aged Japanese men. Journal of Clinical Lipidology, 2020, 14, 522-530.	1.5	3
90	Reduced muscle strength of knee extensors is a risk factor for silent lacunar infarcts among Japanese elderly people: the Bunkyo Health Study. JCSM Clinical Reports, 2020, 5, 79-85.	1.3	3

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91	A case of false hypoglycemia by SMBG due to improper storage of glucometer test strips. Diabetology International, 2014, 5, 199-201.	1.4	2
92	Endurance Runners with Intramyocellular Lipid Accumulation and High Insulin Sensitivity Have Enhanced Expression of Genes Related to Lipid Metabolism in Muscle. Journal of Clinical Medicine, 2020, 9, 3951.	2.4	2
93	Characteristics associated with elevated 1â€h plasma glucose levels during a 75â€g oral glucose tolerance test in nonâ€obese Japanese men. Journal of Diabetes Investigation, 2020, 11, 1520-1523.	2.4	2
94	A decrease in plasma glucose levels is required for increased endogenous glucose production with a single administration of a sodiumâ€glucose coâ€transporterâ€2 inhibitor tofogliflozin. Diabetes, Obesity and Metabolism, 2021, 23, 1092-1100.	4.4	2
95	Short-Term SGLT2 Inhibitor Administration Does Not Alter Systemic Insulin Clearance in Type 2 Diabetes. Biomedicines, 2021, 9, 1154.	3.2	2
96	Clinical Significance of Insulin Sensitivity in Adipose Tissue in Apparently Healthy Nonobese Men. Diabetes, 2018, 67, .	0.6	2
97	Decreased Muscle Strength of Knee Flexors is Associated with Impaired Muscle Insulin Sensitivity in Non-Diabetic Middle-Aged Japanese Male Subjects. Diabetes Therapy, 2020, 11, 2401-2410.	2.5	1
98	Maintenance of contractile force and increased fatigue resistance in slow-twitch skeletal muscle of mice fed a high-fat diet. Journal of Applied Physiology, 2021, 130, 528-536.	2.5	1
99	Intracellular lipid accumulation and insulin resistance in skeletal muscle and liver. Japanese Journal of Physical Fitness and Sports Medicine, 2007, 56, 34-34.	0.0	1
100	The Role of Exercise for Visceral Fat and the Ectopic Fat â€œIntramyocellular Lipidâ€ Oleoscience, 2015, 15, 349-354.	0.0	1
101	The area of abdominal subcutaneous adipose tissue is independently correlated with C-peptide increment during glucagon load in Japanese patients with type 2 diabetes. Diabetology International, 2013, 4, 243-250.	1.4	0
102	Areal Parcellation and Nucleus-Level Analysis of Human Hypothalamus Using High-Resolution fMRI. Juntendo Medical Journal, 2018, 64, 72-73.	0.1	0
103	Both higher fitness level and higher current physical activity level may be required for intramyocellular lipid accumulation in non-athlete men. Scientific Reports, 2020, 10, 4102.	3.3	0
104	Cover Image, Volume 23, Issue 5. Diabetes, Obesity and Metabolism, 2021, 23, i.	4.4	0
105	Core Studies at the Sportology Center. Juntendo Medical Journal, 2020, 66, 13-20.	0.1	0
106	éžè,¥æº€è€…ã«ãŠã‘ã‚‹ä»£è¬è¡€ç®¡éšœå®³ã¨ã‚¤ãƒ³ã‚¹ãƒªãƒ³æŠµæŠ—æ€§. Kagaku To Seibutsu, 2020, 58, 497-498.	0.0	0