

Yoshifumi Tamura

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,355
citations

212478

28
h-index

182931

54
g-index

110
all docs

110
docs citations

110
times ranked

5341
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Brain Volume Measurements Made with 0.3- and 3-T MR Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 517-524.	1.1	5
2	An Investigation of Water Diffusivity Changes along the Perivascular Space in Elderly Subjects with Hypertension. <i>American Journal of Neuroradiology</i> , 2022, 43, 48-55.	1.2	28
3	Sarcopenic obesity is associated with cognitive impairment in community-dwelling older adults: The Bunkyo Health Study. <i>Clinical Nutrition</i> , 2022, 41, 1046-1051.	2.3	22
4	White matter fiber-specific degeneration in older adults with metabolic syndrome. <i>Molecular Metabolism</i> , 2022, 62, 101527.	3.0	7
5	Trends in the prevalence of underweight in women across generations in Japan. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 719-720.	1.3	8
6	Ingestion of an exogenous ketone monoester improves the glycemic response during oral glucose tolerance test in individuals with impaired glucose tolerance: A cross-over randomized trial. <i>Journal of Diabetes Investigation</i> , 2021, 12, 756-762.	1.1	11
7	Maintenance of contractile force and increased fatigue resistance in slow-twitch skeletal muscle of mice fed a high-fat diet. <i>Journal of Applied Physiology</i> , 2021, 130, 528-536.	1.2	1
8	A decrease in plasma glucose levels is required for increased endogenous glucose production with a single administration of a sodium-glucose co-transporter inhibitor tofogliflozin. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1092-1100.	2.2	2
9	Prevalence and Features of Impaired Glucose Tolerance in Young Underweight Japanese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2053-e2062.	1.8	15
10	Adipose Insulin Resistance and Decreased Adiponectin Are Correlated With Metabolic Abnormalities in Nonobese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2228-e2238.	1.8	5
11	Cover Image, Volume 23, Issue 5. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, i.	2.2	0
12	<i>ALDH2</i> rs671 Is Associated With Elevated FPG, Reduced Glucose Clearance and Hepatic Insulin Resistance in Japanese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3573-e3581.	1.8	8
13	Short-Term SGLT2 Inhibitor Administration Does Not Alter Systemic Insulin Clearance in Type 2 Diabetes. <i>Biomedicine</i> , 2021, 9, 1154.	1.4	2
14	Age-Related Changes in Relaxation Times, Proton Density, Myelin, and Tissue Volumes in Adult Brain Analyzed by 2-Dimensional Quantitative Synthetic Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2021, 56, 163-172.	3.5	30
15	Insulin resistance and muscle weakness are synergistic risk factors for silent lacunar infarcts: the Bunkyo Health Study. <i>Scientific Reports</i> , 2021, 11, 21093.	1.6	9
16	Short-term physical inactivity induces diacylglycerol accumulation and insulin resistance in muscle via lipin1 activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E766-E781.	1.8	6
17	Associations of Exercise Habits in Adolescence and Old Age with Risk of Osteoporosis in Older Adults: The Bunkyo Health Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5968.	1.0	6
18	Fasting serum free glycerol concentration is a potential surrogate marker of visceral obesity and insulin sensitivity in middle-aged Japanese men. <i>Journal of Clinical Lipidology</i> , 2020, 14, 522-530.	0.6	3

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19	Effects of blood flow restriction on muscle size and gene expression in muscle during immobilization: A pilot study. <i>Physiological Reports</i> , 2020, 8, e14516.	0.7	10
20	Decreased Muscle Strength of Knee Flexors is Associated with Impaired Muscle Insulin Sensitivity in Non-Diabetic Middle-Aged Japanese Male Subjects. <i>Diabetes Therapy</i> , 2020, 11, 2401-2410.	1.2	1
21	Endurance Runners with Intramyocellular Lipid Accumulation and High Insulin Sensitivity Have Enhanced Expression of Genes Related to Lipid Metabolism in Muscle. <i>Journal of Clinical Medicine</i> , 2020, 9, 3951.	1.0	2
22	Characteristics associated with elevated 1â€h plasma glucose levels during a 75â€g oral glucose tolerance test in nonâ€obese Japanese men. <i>Journal of Diabetes Investigation</i> , 2020, 11, 1520-1523.	1.1	2
23	Both higher fitness level and higher current physical activity level may be required for intramyocellular lipid accumulation in non-athlete men. <i>Scientific Reports</i> , 2020, 10, 4102.	1.6	0
24	A chronic high-fat diet exacerbates contractile dysfunction with impaired intracellular Ca ²⁺ release capacity in the skeletal muscle of aged mice. <i>Journal of Applied Physiology</i> , 2020, 128, 1153-1162.	1.2	26
25	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. <i>Journal of Diabetes Investigation</i> , 2020, 11, 874-877.	1.1	7
26	Core Studies at the Sportology Center. <i>Juntendo Medical Journal</i> , 2020, 66, 13-20.	0.1	0
27	éžè,¥æ°€è€...ã«ãšãã,ã»£è-è;€ç®¡éšœã®³ãã,ãf³ã,1ãf³ãf³æšµãš—æ€š. <i>Kagaku To Seibutsu</i> , 2020, 58, 497-498.o.o		0
28	Reduced muscle strength of knee extensors is a risk factor for silent lacunar infarcts among Japanese elderly people: the Bunkyo Health Study. <i>JCSM Clinical Reports</i> , 2020, 5, 79-85.	0.5	3
29	Fatty Liver Has Stronger Association With Insulin Resistance Than Visceral Fat Accumulation in Nonobese Japanese Men. <i>Journal of the Endocrine Society</i> , 2019, 3, 1409-1416.	0.1	21
30	Clinical factors associated with bacterial translocation in Japanese patients with type 2 diabetes: A retrospective study. <i>PLoS ONE</i> , 2019, 14, e0222598.	1.1	6
31	Higher C-Peptide Level During Glucose Clamp Is Associated With Muscle Insulin Resistance in Nonobese Japanese Men. <i>Journal of the Endocrine Society</i> , 2019, 3, 1847-1857.	0.1	8
32	A body mass index over 22 kg/m2 at college age is a risk factor for future diabetes in Japanese men. <i>PLoS ONE</i> , 2019, 14, e0211067.	1.1	14
33	Clinical Features of Nonobese, Apparently Healthy, Japanese Men With Reduced Adipose Tissue Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2325-2333.	1.8	29
34	Three days of a eucaloric, low-carbohydrate/high-fat diet increases insulin clearance in healthy non-obese Japanese men. <i>Scientific Reports</i> , 2019, 9, 3857.	1.6	8
35	Skeletal muscle function and need for long-term care of urban elderly people in Japan (the Bunkyo) Tj ETQq1 1 0.784314 rgBT/Overlock 0.8 29		
36	Ectopic fat, insulin resistance and metabolic disease in non-obese Asians: investigating metabolic gradation. <i>Endocrine Journal</i> , 2019, 66, 1-9.	0.7	15

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37	Combined aerobic and resistance training, and incidence of diabetes: A retrospective cohort study in Japanese older women. <i>Journal of Diabetes Investigation</i> , 2019, 10, 997-1003.	1.1	5
38	Dysfunction of muscle contraction with impaired intracellular Ca ²⁺ handling in skeletal muscle and the effect of exercise training in male db/db mice. <i>Journal of Applied Physiology</i> , 2019, 126, 170-182.	1.2	20
39	Characteristics of Glucose Metabolism in Underweight Japanese Women. <i>Journal of the Endocrine Society</i> , 2018, 2, 279-289.	0.1	20
40	Impaired peripheral insulin sensitivity in non-obese Japanese patients with type 2 diabetes mellitus and fatty liver. <i>Journal of Diabetes Investigation</i> , 2018, 9, 529-535.	1.1	13
41	Areal Parcellation and Nucleus-Level Analysis of Human Hypothalamus Using High-Resolution fMRI. <i>Juntendo Medical Journal</i> , 2018, 64, 72-73.	0.1	0
42	Type 2 Diabetes: When Does It Start?. <i>Journal of the Endocrine Society</i> , 2018, 2, 476-484.	0.1	35
43	Potential application of testosterone replacement therapy as treatment for obesity and type 2 diabetes in men. <i>Steroids</i> , 2018, 138, 161-166.	0.8	29
44	Slightly increased BMI at young age is a risk factor for future hypertension in Japanese men. <i>PLoS ONE</i> , 2018, 13, e0191170.	1.1	12
45	Association Between Visceral Fat Accumulation and Exercise Tolerance in Non-Obese Subjects Without Diabetes. <i>Journal of Clinical Medicine Research</i> , 2018, 10, 630-635.	0.6	7
46	Clinical Significance of Insulin Sensitivity in Adipose Tissue in Apparently Healthy Nonobese Men. <i>Diabetes</i> , 2018, 67, .	0.3	2
47	Myocardial triglyceride content in patients with left ventricular hypertrophy: comparison between hypertensive heart disease and hypertrophic cardiomyopathy. <i>Heart and Vessels</i> , 2017, 32, 166-174.	0.5	17
48	Long-term, but not short-term high-fat diet induces fiber composition changes and impaired contractile force in mouse fast-twitch skeletal muscle. <i>Physiological Reports</i> , 2017, 5, e13250.	0.7	66
49	Effects of alcohol abstinence on glucose metabolism in Japanese men with elevated fasting glucose: A pilot study. <i>Scientific Reports</i> , 2017, 7, 40277.	1.6	7
50	Functional subdivisions of the hypothalamus using areal parcellation and their signal changes related to glucose metabolism. <i>NeuroImage</i> , 2017, 162, 1-12.	2.1	38
51	Probiotic reduces bacterial translocation in type 2 diabetes mellitus: A randomised controlled study. <i>Scientific Reports</i> , 2017, 7, 12115.	1.6	91
52	Impaired insulin clearance as a cause rather than a consequence of insulin resistance. <i>Journal of Diabetes Investigation</i> , 2017, 8, 723-725.	1.1	22
53	Correlates of insulin clearance in apparently healthy non-obese Japanese men. <i>Scientific Reports</i> , 2017, 7, 1462.	1.6	27
54	A randomized controlled trial of 130 g/day low-carbohydrate diet in type 2 diabetes with poor glycemic control. <i>Clinical Nutrition</i> , 2017, 36, 992-1000.	2.3	65

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55	Characteristics of hepatic insulin-sensitive nonalcoholic fatty liver disease. <i>Hepatology Communications</i> , 2017, 1, 634-647.	2.0	16
56	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. <i>PLoS ONE</i> , 2017, 12, e0188892.	1.1	17
57	Muscle strength at young age is not associated with future development of type 2 diabetes in Japanese male athletes. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2017, 6, 167-173.	0.2	4
58	Exercise-induced increase in IL-6 level enhances GLUT4 expression and insulin sensitivity in mouse skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 947-952.	1.0	57
59	Relation Between Insulin Sensitivity and Metabolic Abnormalities in Japanese Men With BMI of 23-25 kg/m ² . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3676-3684.	1.8	54
60	Increased intramyocellular lipid/impaired insulin sensitivity is associated with altered lipid metabolic genes in muscle of high responders to a high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E32-E40.	1.8	31
61	Evaluation of Myocardial Triglyceride Accumulation Assessed on ¹ H-Magnetic Resonance Spectroscopy in Apparently Healthy Japanese Subjects. <i>Internal Medicine</i> , 2015, 54, 367-373.	0.3	9
62	Different training status may alter the continuous blood glucose kinetics in self-paced endurance running. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 978-982.	0.8	4
63	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. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-6.	0.6	12
64	Effects of sitagliptin on ectopic fat contents and glucose metabolism in type 2 diabetic patients with fatty liver: A pilot study. <i>Journal of Diabetes Investigation</i> , 2015, 6, 164-172.	1.1	23
65	ATM Regulates Adipocyte Differentiation and Contributes to Glucose Homeostasis. <i>Cell Reports</i> , 2015, 10, 957-967.	2.9	35
66	The factors that affect exercise therapy for patients with type 2 diabetes in Japan: a nationwide survey. <i>Diabetology International</i> , 2015, 6, 19-25.	0.7	13
67	The Role of Exercise for Visceral Fat and the Ectopic Fat -Intramyocellular Lipid-. <i>Oleoscience</i> , 2015, 15, 349-354.	0.0	1
68	Association Between Expression of FABPpm in Skeletal Muscle and Insulin Sensitivity in Intramyocellular Lipid-Accumulated Nonobese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 3343-3352.	1.8	21
69	Relationship between olfactory dysfunction and cognitive impairment in elderly patients with type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2014, 106, 465-473.	1.1	44
70	Gut Dysbiosis and Detection of Live Gut Bacteria in Blood of Japanese Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2014, 37, 2343-2350.	4.3	377
71	Reliability and validity of the Japanese version of the Diabetes Quality-Of-Life questionnaire for Japanese patients with type 2 diabetes mellitus. <i>Diabetology International</i> , 2014, 5, 21-29.	0.7	7
72	Diffusional kurtosis imaging analysis in patients with hypertension. <i>Japanese Journal of Radiology</i> , 2014, 32, 98-104.	1.0	13

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73	A case of false hypoglycemia by SMBG due to improper storage of glucometer test strips. <i>Diabetology International</i> , 2014, 5, 199-201.	0.7	2
74	The area of abdominal subcutaneous adipose tissue is independently correlated with C-peptide increment during glucagon load in Japanese patients with type 2 diabetes. <i>Diabetology International</i> , 2013, 4, 243-250.	0.7	0
75	White Matter Alteration in Metabolic Syndrome. <i>Diabetes Care</i> , 2013, 36, 696-700.	4.3	34
76	Attempted suicide with liraglutide overdose did not induce hypoglycemia. <i>Diabetes Research and Clinical Practice</i> , 2013, 99, e3-e4.	1.1	17
77	Exercise-induced enhancement of insulin sensitivity is associated with accumulation of M2-polarized macrophages in mouse skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 36-41.	1.0	33
78	Morningness-eveningness questionnaire score correlates with glycated hemoglobin in middle-aged male workers with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2013, 4, 376-381.	1.1	30
79	The diabetes-susceptible gene SLC30A8/ZnT8 regulates hepatic insulin clearance. <i>Journal of Clinical Investigation</i> , 2013, 123, 4513-4524.	3.9	200
80	Association between Myocardial Triglyceride Content and Cardiac Function in Healthy Subjects and Endurance Athletes. <i>PLoS ONE</i> , 2013, 8, e61604.	1.1	26
81	Present situation of exercise therapy for patients with diabetes mellitus in Japan: a nationwide survey. <i>Diabetology International</i> , 2012, 3, 86-91.	0.7	8
82	Determinants of intramyocellular lipid accumulation after dietary fat loading in non-obese men. <i>Journal of Diabetes Investigation</i> , 2011, 2, 310-317.	1.1	32
83	Association of T2 relaxation time determined by magnetic resonance imaging and intramyocellular lipid content of the soleus muscle in healthy subjects. <i>Journal of Diabetes Investigation</i> , 2011, 2, 356-358.	1.1	3
84	Blood flow restriction by low compressive force prevents disuse muscular weakness. <i>Journal of Science and Medicine in Sport</i> , 2011, 14, 95-99.	0.6	74
85	Increased Systemic Glucose Tolerance with Increased Muscle Glucose Uptake in Transgenic Mice Overexpressing RXR β in Skeletal Muscle. <i>PLoS ONE</i> , 2011, 6, e20467.	1.1	10
86	Preliminary report: mitochondrial DNA 5178 polymorphism in male elite Japanese endurance runners. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 62-63.	1.5	8
87	Effect of resistance exercise training combined with relatively low vascular occlusion. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 107-112.	0.6	103
88	Effects of metformin on peripheral insulin sensitivity and intracellular lipid contents in muscle and liver of overweight Japanese subjects. <i>Diabetes, Obesity and Metabolism</i> , 2008, 10, 733-738.	2.2	24
89	Short-term effects of dietary fat on intramyocellular lipid in sprinters and endurance runners. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 373-379.	1.5	29
90	Efficacy and safety of modified Yale insulin infusion protocol in Japanese diabetic patients after open-heart surgery. <i>Diabetes Research and Clinical Practice</i> , 2008, 81, 296-302.	1.1	20

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91	Prevention of Disuse Muscular Weakness by Restriction of Blood Flow. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 529-534.	0.2	111
92	Impact of Oxidative Stress and Peroxisome Proliferator-Activated Receptor γ Coactivator-1 α in Hepatic Insulin Resistance. <i>Diabetes</i> , 2008, 57, 2083-2091.	0.3	87
93	Nateglinide Reduces Carotid Intima-Media Thickening in Type 2 Diabetic Patients Under Good Glycemic Control. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2456-2462.	1.1	55
94	Protein Kinase C γ Plays a Non-redundant Role in Insulin Secretion in Pancreatic β Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 2707-2716.	1.6	66
95	Effects of Diet-Induced Moderate Weight Reduction on Intrahepatic and Intramyocellular Triglycerides and Glucose Metabolism in Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3326-3329.	1.8	113
96	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. <i>Endocrine Journal</i> , 2007, 54, 139-144.	0.7	172
97	Clinical Characteristics Influencing the Effectiveness of Metformin on Japanese Type 2 Diabetes Receiving Sulfonylureas. <i>Endocrine Journal</i> , 2007, 54, 247-253.	0.7	7
98	Lack of evident atherosclerosis despite multiple risk factors in glycogen storage disease type 1a with hyperadiponectinemia. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1402-1404.	1.5	7
99	Intracellular lipid accumulation and insulin resistance in skeletal muscle and liver. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2007, 56, 34-34.	0.0	1
100	Strict Glycemic Control Ameliorates the Increase of Carotid IMT in Patients with Type 2 Diabetes. <i>Endocrine Journal</i> , 2006, 53, 45-50.	0.7	32
101	Amelioration of glucose tolerance by hepatic inhibition of nuclear factor κ B in db/db mice. <i>Diabetologia</i> , 2006, 50, 131-141.	2.9	31
102	Effects of Diet and Exercise on Muscle and Liver Intracellular Lipid Contents and Insulin Sensitivity in Type 2 Diabetic Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 3191-3196.	1.8	288
103	N-(carboxymethyl)valine residues in hemoglobin (CMV-Hb) reflect accumulation of oxidative stress in diabetic patients. <i>Diabetes Research and Clinical Practice</i> , 2005, 69, 272-278.	1.1	15
104	Inhibitory effect of mizoribine on matrix metalloproteinase-1 production in synovial fibroblasts and THP-1 macrophages. <i>Modern Rheumatology</i> , 2005, 15, 264-268.	0.9	5
105	Responsiveness of insulin-induced cardiac sympathetic nerve activation associates with blood pressure regulation in diabetics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E1022-E1026.	1.8	22
106	The Composition of Dietary Fat Directly Influences Glucose-Stimulated Insulin Secretion in Rats. <i>Diabetes</i> , 2002, 51, 1825-1833.	0.3	126