

# Masaru Sakurai

## List of Publications by Year in descending order

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100  
papers

5,027  
citations

109321

35  
h-index

95266

68  
g-index

104  
all docs

104  
docs citations

104  
times ranked

8953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk thresholds for alcohol consumption: combined analysis of individual-participant data for 599 912 current drinkers in 83 prospective studies. <i>Lancet</i> , 2018, 391, 1513-1523.	13.7	858
2	World Health Organization cardiovascular disease risk charts: revised models to estimate risk in 21 global regions. <i>The Lancet Global Health</i> , 2019, 7, e1332-e1345.	6.3	554
3	A Liver-Derived Secretory Protein, Selenoprotein P, Causes Insulin Resistance. <i>Cell Metabolism</i> , 2010, 12, 483-495.	16.2	469
4	Insulin Resistance Accelerates a Dietary Rat Model of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2007, 132, 282-293.	1.3	222
5	Gender Differences in the Association between Anthropometric Indices of Obesity and Blood Pressure in Japanese. <i>Hypertension Research</i> , 2006, 29, 75-80.	2.7	109
6	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , 2019, 40, 621-631.	2.2	97
7	Genes involved in oxidative phosphorylation are coordinately upregulated with fasting hyperglycaemia in livers of patients with type 2 diabetes. <i>Diabetologia</i> , 2007, 50, 268-277.	6.3	92
8	Association between long working hours and sleep problems in white-collar workers. <i>Journal of Sleep Research</i> , 2011, 20, 110-116.	3.2	90
9	Histological Course of Nonalcoholic Fatty Liver Disease in Japanese Patients. <i>Diabetes Care</i> , 2010, 33, 284-286.	8.6	87
10	Evaluation of the Effects of Shift Work on Nutrient Intake: A Cross-sectional Study. <i>Journal of Occupational Health</i> , 2008, 50, 270-278.	2.1	82
11	Obesity Upregulates Genes Involved in Oxidative Phosphorylation in Livers of Diabetic Patients. <i>Obesity</i> , 2008, 16, 2601-2609.	3.0	81
12	Impact of Diabetes on Recurrence of Hepatocellular Carcinoma after Surgical Treatment in Patients With Viral Hepatitis. <i>American Journal of Gastroenterology</i> , 2007, 102, 1939-1946.	0.4	77
13	Self-reported speed of eating and 7-year risk of type 2 diabetes mellitus in middle-aged Japanese men. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1566-1571.	3.4	72
14	Gene expression profiles in peripheral blood mononuclear cells reflect the pathophysiology of type 2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 379-384.	2.1	71
15	Burnout and Risk Factors for Arteriosclerotic Disease: Follow-up Study. <i>Journal of Occupational Health</i> , 2009, 51, 123-131.	2.1	70
16	Impacts of Visceral Adipose Tissue and Subcutaneous Adipose Tissue on Metabolic Risk Factors in Middle-aged Japanese. <i>Obesity</i> , 2010, 18, 153-160.	3.0	70
17	Comparison of waist circumference with body mass index for predicting abdominal adipose tissue. <i>Diabetes Research and Clinical Practice</i> , 2009, 83, 100-105.	2.8	65
18	Sugar-sweetened beverage and diet soda consumption and the 7-year risk for type 2 diabetes mellitus in middle-aged Japanese men. <i>European Journal of Nutrition</i> , 2014, 53, 251-258.	3.9	64

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19	Influence of Smoking Combined with Another Risk Factor on the Risk of Mortality from Coronary Heart Disease and Stroke: Pooled Analysis of 10 Japanese Cohort Studies. <i>Cerebrovascular Diseases</i> , 2012, 33, 480-491.	1.7	62
20	HbA1c and the Risks for All-Cause and Cardiovascular Mortality in the General Japanese Population. <i>Diabetes Care</i> , 2013, 36, 3759-3765.	8.6	61
21	Genes for systemic vascular complications are differentially expressed in the livers of Type 2 diabetic patients. <i>Diabetologia</i> , 2004, 47, 638-647.	6.3	57
22	Selenoprotein P as a diabetes-associated hepatokine that impairs angiogenesis by inducing VEGF resistance in vascular endothelial cells. <i>Diabetologia</i> , 2014, 57, 1968-1976.	6.3	55
23	Effects of Fatigue on Immune Function in Nurses Performing Shift Work. <i>Journal of Occupational Health</i> , 2011, 53, 312-319.	2.1	50
24	Impact of diabetes mellitus on prognosis of patients infected with hepatitis C virus. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1682-1688.	3.4	47
25	Measurement of Thyroid Blood Flow Area Is Useful for Diagnosing the Cause of Thyrotoxicosis. <i>Thyroid</i> , 2005, 15, 1249-1252.	4.5	46
26	Threshold limit values of the cadmium concentration in rice in the development of itai-itai disease using benchmark dose analysis. <i>Journal of Applied Toxicology</i> , 2017, 37, 962-966.	2.8	46
27	Combined Effect of Blood Pressure and Total Cholesterol Levels on Long-Term Risks of Subtypes of Cardiovascular Death. <i>Hypertension</i> , 2015, 65, 517-524.	2.7	44
28	The effects of sleep duration on the incidence of cardiovascular events among middle-aged male workers in Japan. <i>Scandinavian Journal of Work, Environment and Health</i> , 2011, 37, 411-417.	3.4	44
29	Liver steatosis, but not fibrosis, is associated with insulin resistance in nonalcoholic fatty liver disease. <i>Journal of Gastroenterology</i> , 2007, 42, 312-317.	5.1	43
30	Relationship of dietary cholesterol to blood pressure: the INTERMAP study. <i>Journal of Hypertension</i> , 2011, 29, 222-228.	0.5	42
31	Dietary glycemic index and risk of type 2 diabetes mellitus in middle-aged Japanese men. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 47-55.	3.4	42
32	Comparing different definitions of prediabetes with subsequent risk of diabetes: an individual participant data meta-analysis involving 76 513 individuals and 8208 cases of incident diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000794.	2.8	42
33	Regulation of adiponectin receptor expression in human liver and a hepatocyte cell line. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1478-1485.	3.4	39
34	Possible Role of $\beta$ -Cell Insulin Resistance in Exaggerated Glucagon Responses to Arginine in Type 2 Diabetes. <i>Diabetes Care</i> , 2007, 30, 2583-2587.	8.6	38
35	Correlation between Shift-work-related Sleep Problems and Heavy Drinking in Japanese Male Factory Workers. <i>Alcohol and Alcoholism</i> , 2013, 48, 202-206.	1.6	38
36	Relationship of dietary monounsaturated fatty acids to blood pressure. <i>Journal of Hypertension</i> , 2013, 31, 1144-1150.	0.5	38

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37	Skipping breakfast and 5-year changes in body mass index and waist circumference in Japanese men and women. <i>Obesity Science and Practice</i> , 2017, 3, 162-170.	1.9	36
38	Impact of Visceral Adipose Tissue and Subcutaneous Adipose Tissue on Insulin Resistance in Middle-Aged Japanese. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 814-822.	2.0	36
39	Insulin secretion and insulin sensitivity on the oral glucose tolerance test (OGTT) in middle-aged Japanese. <i>Endocrine Journal</i> , 2012, 59, 55-64.	1.6	35
40	Relationship between urinary cadmium and mortality in habitants of a cadmium-polluted area: a 22-year follow-up study in Japan. <i>Chinese Medical Journal</i> , 2011, 124, 3504-9.	2.3	35
41	Tumor necrosis factor- $\alpha$ -induced production of plasminogen activator inhibitor 1 and its regulation by pioglitazone and cerivastatin in a nonmalignant human hepatocyte cell line. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 1464-1472.	3.4	33
42	HOMA-IR and the risk of hyperuricemia: A prospective study in non-diabetic Japanese men. <i>Diabetes Research and Clinical Practice</i> , 2014, 106, 154-160.	2.8	33
43	Family history of diabetes, lifestyle factors, and the 7-year incident risk of type 2 diabetes mellitus in middle-aged Japanese men and women. <i>Journal of Diabetes Investigation</i> , 2013, 4, 261-268.	2.4	32
44	Mortality and causes of deaths of inhabitants with renal dysfunction induced by cadmium exposure of the polluted Jinzu River basin, Toyama, Japan; a 26-year follow-up. <i>Environmental Health</i> , 2014, 13, 18.	4.0	32
45	Relationship between cancer mortality and environmental cadmium exposure in the general Japanese population in cadmium non-polluted areas. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 65-70.	4.3	32
46	Association between a Serum Thyroid-stimulating Hormone Concentration within the Normal Range and Indices of Obesity in Japanese Men and Women. <i>Internal Medicine</i> , 2014, 53, 669-674.	0.7	31
47	J-shaped relationship between waist circumference and subsequent risk for Type 2 diabetes: an 8-year follow-up of relatively lean Japanese individuals. <i>Diabetic Medicine</i> , 2009, 26, 753-759.	2.3	30
48	Associations between Rice, Noodle, and Bread Intake and Sleep Quality in Japanese Men and Women. <i>PLoS ONE</i> , 2014, 9, e105198.	2.5	29
49	Dietary carbohydrate intake, presence of obesity and the incident risk of type 2 diabetes in Japanese men. <i>Journal of Diabetes Investigation</i> , 2016, 7, 343-351.	2.4	27
50	Dietary Glycemic Index, Glycemic Load and Blood Lipid Levels in Middle-Aged Japanese Men and Women. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 1082-1095.	2.0	25
51	Overtime Work and Blood Pressure in Normotensive Japanese Male Workers. <i>American Journal of Hypertension</i> , 2012, 25, 979-985.	2.0	24
52	Sex Differences in Associations Among Obesity, Metabolic Abnormalities, and Chronic Kidney Disease in Japanese Men and Women. <i>Journal of Epidemiology</i> , 2016, 26, 440-446.	2.4	23
53	Increase of lifetime cadmium intake dose-dependently increased all cause of mortality in female inhabitants of the cadmium-polluted Jinzu River basin, Toyama, Japan. <i>Environmental Research</i> , 2018, 164, 379-384.	7.5	23
54	Prognosis and Prognostic Factors in Patients With Idiopathic Dilated Cardiomyopathy in Japan Results From a Nationwide Study. <i>Circulation Journal</i> , 2008, 72, 343-348.	1.6	22

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55	Weight-adjusted lean body mass and calf circumference are protective against obesity-associated insulin resistance and metabolic abnormalities. <i>Heliyon</i> , 2017, 3, e00347.	3.2	21
56	Glycated Hemoglobin and Risk of Stroke, Ischemic and Hemorrhagic, in Japanese Men and Women. <i>Cerebrovascular Diseases</i> , 2008, 26, 310-316.	1.7	19
57	Renoprotective effects of atorvastatin compared with pravastatin on progression of early diabetic nephropathy. <i>Journal of Diabetes Investigation</i> , 2015, 6, 346-353.	2.4	19
58	Macronutrient Intake and Socioeconomic Status: NIPPON DATA2010. <i>Journal of Epidemiology</i> , 2018, 28, S17-S22.	2.4	19
59	Age-related Changes in Abdominal Fat Distribution in Japanese Adults in the General Population. <i>Internal Medicine</i> , 2011, 50, 679-685.	0.7	18
60	The Effect of Age on the Relationships between Work-related Factors and Heavy Drinking. <i>Journal of Occupational Health</i> , 2014, 56, 141-149.	2.1	17
61	Cancer Mortality in Residents of the Cadmium-Polluted Jinzu River Basin in Toyama, Japan. <i>Toxics</i> , 2018, 6, 23.	3.7	16
62	BMI May Be Better Than Waist Circumference for Defining Metabolic Syndrome in Japanese Women. <i>Diabetes Care</i> , 2008, 31, e12-e12.	8.6	15
63	Relationship of Consumption of Meals Including Grain, Fish and Meat, and Vegetable Dishes to the Prevention of Nutrient Deficiency: The INTERMAP Toyama Study. <i>Journal of Nutritional Science and Vitaminology</i> , 2016, 62, 101-107.	0.6	15
64	Contribution of visceral adiposity and insulin resistance to metabolic risk factors in Japanese men. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 748-754.	3.4	14
65	Modulating effects of olanzapine on the development of diabetic ketoacidosis. <i>Diabetic Medicine</i> , 2004, 21, 300-301.	2.3	13
66	Pancreatic exocrine and endocrine events occur concomitantly but independently during the course of fulminant type 1 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2006, 71, 241-246.	2.8	13
67	Factors associated with improvement of fasting plasma glucose level by mealtime dosing of a rapid-acting insulin analog in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2007, 75, 278-284.	2.8	13
68	New insulin sensitivity index from the oral glucose tolerance test. <i>Diabetes Research and Clinical Practice</i> , 2008, 79, 24-30.	2.8	13
69	Middle-aged Japanese women are resistant to obesity-related metabolic abnormalities. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 456-459.	3.4	13
70	Lifetime Cadmium Exposure and Mortality for Renal Diseases in Residents of the Cadmium-Polluted Kakehashi River Basin in Japan. <i>Toxics</i> , 2020, 8, 81.	3.7	12
71	Relation of long-term body weight change to change in lipoprotein particle size in Japanese men and women: The INTERMAP Toyama Study. <i>Atherosclerosis</i> , 2009, 206, 282-286.	0.8	11
72	Fat-free mass and calf circumference as body composition indices to determine non-exercise activity thermogenesis in patients with diabetes. <i>Journal of Diabetes Investigation</i> , 2016, 7, 352-358.	2.4	11

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73	Consuming Carbohydrates after Meat or Vegetables Lowers Postprandial Excursions of Glucose and Insulin in Nondiabetic Subjects. <i>Journal of Nutritional Science and Vitaminology</i> , 2018, 64, 316-320.	0.6	11
74	Environmental cadmium exposure and noncancer mortality in a general Japanese population in cadmium nonpolluted regions. <i>Journal of Applied Toxicology</i> , 2021, 41, 587-594.	2.8	11
75	Occupational Class and Incidence Rates of Cardiovascular Events in Middle Aged Men in Japan. <i>Industrial Health</i> , 2010, 48, 324-330.	1.0	10
76	The Relationship between the Urinary Cadmium Concentration and Cause-Specific Mortality in Subjects without Severe Renal Damage: A 35-Year Follow-Up Study in a Cadmium-Polluted Area of Japan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7747.	2.6	10
77	Relationship between mortality and rice cadmium concentration in inhabitants of the polluted Jinzu River basin, Toyama, Japan: A 26 year follow-up. <i>Journal of Applied Toxicology</i> , 2018, 38, 855-861.	2.8	9
78	The relationship between cadmium exposure and renal volume in inhabitants of a cadmium-polluted area of Japan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 22372-22379.	5.3	8
79	Fulminating Onset Type 1 Diabetes with Positivity for Anti-GAD Antibody and Elevated Pancreatic Exocrine Enzyme Concentrations. <i>Internal Medicine</i> , 2003, 42, 517-520.	0.7	7
80	Health status of workers approximately 60 years of age and the risk of early death after compulsory retirement: A cohort study. <i>Journal of Occupational Health</i> , 2020, 62, e12088.	2.1	7
81	Nicotine Dependence and Cost-Effectiveness of Individualized Support for Smoking Cessation: Evidence from Practice at a Worksite in Japan. <i>PLoS ONE</i> , 2013, 8, e55836.	2.5	7
82	Characteristics of smoking cessation in former smokers in a rural area of Japan. <i>International Journal of Preventive Medicine</i> , 2012, 3, 459-65.	0.4	7
83	Associations between Sleep-Disordered Breathing and Metabolic Risk Factors beyond Obesity. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-7.	2.3	6
84	Sodium-glucose cotransporter-2 inhibitors in type-2 diabetes patients with renal function impairment slow the annual renal function decline, in a real clinical practice. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1577-1585.	2.4	6
85	Mild Metabolic Abnormalities, Abdominal Obesity and the Risk of Cardiovascular Diseases in Middle-Aged Japanese Men. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 934-943.	2.0	6
86	Serum Ferritin, Insulin Resistance, and $\beta$ -cell Dysfunction: A Prospective Study in Normoglycemic Japanese Men. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 12-20.	1.2	5
87	The Effect of Tofogliflozin Treatment on Postprandial Glucose and Lipid Metabolism in Japanese Men With Type 2 Diabetes: A Pilot Study. <i>Journal of Clinical Medicine Research</i> , 2017, 9, 403-409.	1.2	5
88	N-Acetyl-seryl-aspartyl-lysyl-proline is a potential biomarker of renal function in normoalbuminuric diabetic patients with $eGFR \leq 30 \text{ mL/min/1.73 m}^2$ . <i>Clinical and Experimental Nephrology</i> , 2019, 23, 1004-1012. <sup>5</sup>	1.6	5
89	Relationship between Plasma hANP Level and Pretibial Edema by Pioglitazone Treatment. <i>Endocrine Journal</i> , 2005, 52, 373-376.	1.6	4
90	Frequency of consumption of balanced meals, bodyweight gain and incident risk of glucose intolerance in Japanese men and women: A cohort study. <i>Journal of Diabetes Investigation</i> , 2021, 12, 763-770.	2.4	4

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91	Relationship between urinary Î²2â€microglobulin concentration and mortality in a cadmiumâ€polluted area in Japan: A 35â€year followâ€up study. <i>Journal of Applied Toxicology</i> , 2021, 41, 224-232.	2.8	4
92	Residual Effect of Sodium Glucose Cotransporter 2 Inhibitor, Tofogliflozin, on Body Weight After Washout in Japanese Men With Type 2 Diabetes. <i>Journal of Clinical Medicine Research</i> , 2019, 11, 35-41.	1.2	4
93	Overall sleep status and high sensitivity Câ€reactive protein: a prospective study in Japanese factory workers. <i>Journal of Sleep Research</i> , 2014, 23, 717-727.	3.2	3
94	The Association between Anthropometric Indices of Obesity and Chronic Kidney Disease in Middle-aged Japanese Men and Women: A Cohort Study. <i>Internal Medicine</i> , 2021, 60, 2007-2015.	0.7	3
95	Renal tubular dysfunction and cancer mortality in the Japanese general population living in cadmiumâ€nonâ€contaminated areas. <i>Journal of Applied Toxicology</i> , 2022, 42, 1458-1466.	2.8	3
96	BMI, Waist Circumference, and Metabolic Syndrome: Lessons from Japanese Perspectives. , 2012, , 1973-1988.		2
97	Trajectories of Postload Plasma Glucose in the Development of Type 2 Diabetes in Japanese Adults. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-7.	2.3	2
98	Relationship between Daily Intake Frequency of Meals Including a Staple Food, a Main Dish and a Side Dish and Nutrient Intake in Independent Elderly Individuals. <i>Nihon Eiyâ•Shokuryâ•Gakkai Shi = Nippon Eiyâ•Shokuryâ•Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2014, 67, 299-305.	0.2	2
99	Association between coefficients of variation of the R-R intervals on electrocardiograms and post-challenge hyperglycemia in patients with newly diagnosed typeâ€2 diabetes. <i>Journal of Diabetes Investigation</i> , 2011, 2, 324-327.	2.4	1
100	<p>The radial augmentation index in children with Kawasaki disease without acute coronary artery lesions during the convalescent period</p>. <i>Therapeutics and Clinical Risk Management</i> , 2019, Volume 15, 701-709.	2.0	1