Yoshio Nakata

List of Publications by Year
in descending order

114	2,862	185998 28	189595 50
papers	citations	h-index	g-index

120	120	120	4609
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variations in the FTO gene are associated with severe obesity in the Japanese. Journal of Human Genetics, 2008, 53, 546-553.	1.1	219
2	Accuracy of Wearable Devices for Estimating Total Energy Expenditure. JAMA Internal Medicine, 2016, 176, 702.	2.6	159
3	Prevention of Atrial Fibrillation Recurrence With Corticosteroids After Radiofrequency Catheter Ablation. Journal of the American College of Cardiology, 2010, 56, 1463-1472.	1.2	156
4	Pilot study of locomotion improvement using hybrid assistive limb in chronic stroke patients. BMC Neurology, 2013, 13, 141.	0.8	144
5	Feasibility of Rehabilitation Training With a Newly Developed Wearable Robot for Patients With Limited Mobility. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1080-1087.	0.5	142
6	Regional Body Composition Changes Exhibit Opposing Effects on Coronary Heart Disease Risk Factors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 923-929.	1.1	116
7	Association between obesity and polymorphisms in SEC16B, TMEM18, GNPDA2, BDNF, FAIM2 and MC4R in a Japanese population. Journal of Human Genetics, 2009, 54, 727-731.	1.1	115
8	Impact of weight reduction on production of platelet-derived microparticles and fibrinolytic parameters in obesity. Thrombosis Research, 2007, 119, 45-53.	0.8	112
9	Metabolic rate and fuel utilization during sleep assessed by whole-body indirect calorimetry. Metabolism: Clinical and Experimental, 2009, 58, 920-926.	1.5	77
10	Association of variations in the FTO, SCG3 and MTMR9 genes with metabolic syndrome in a Japanese population. Journal of Human Genetics, 2011, 56, 647-651.	1.1	69
11	Effect of Weight Reduction with Dietary Intervention on Arterial Distensibility and Endothelial Function in Obese Men. Angiology, 2009, 60, 351-357.	0.8	67
12	Effects of Aerobic Exercise on Metabolic Syndrome Improvement in Response to Weight Reduction. Obesity, 2007, 15, 2478-2484.	1.5	62
13	Combined effect of branched-chain amino acids and taurine supplementation on delayed onset muscle soreness and muscle damage in high-intensity eccentric exercise. Journal of the International Society of Sports Nutrition, 2013, 10, 51.	1.7	61
14	Accuracy of 12 Wearable Devices for Estimating Physical Activity Energy Expenditure Using a Metabolic Chamber and the Doubly Labeled Water Method: Validation Study. JMIR MHealth and UHealth, 2019, 7, e13938.	1.8	60
15	Effects of aerobic exercise and obesity phenotype on abdominal fat reduction in response to weight loss. International Journal of Obesity, 2005, 29, 1259-1266.	1.6	55
16	Effect of Habitual Aerobic Exercise on Body Weight and Arterial Function in Overweight and Obese Men. American Journal of Cardiology, 2009, 104, 823-828.	0.7	55
17	Comparability of activity monitors used in Asian and Western-country studies for assessing free-living sedentary behaviour. PLoS ONE, 2017, 12, e0186523.	1.1	53
18	Effects of Exercise Intensity on Physical Fitness and Risk Factors for Coronary Heart Disease. Obesity, 2003, 11, 1131-1139.	4.0	52

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19	Association of single-nucleotide polymorphisms in MTMR9 gene with obesity. Human Molecular Genetics, 2007, 16, 3017-3026.	1.4	51
20	Do dispatcher instructions facilitate bystander-initiated cardiopulmonary resuscitation and improve outcomes in patients with out-of-hospital cardiac arrest? A comparison of family and non-family bystanders. Resuscitation, 2014, 85, 315-319.	1.3	45
21	INSIG2 gene rs7566605 polymorphism is associated with severe obesity in Japanese. Journal of Human Genetics, 2008, 53, 857-862.	1.1	43
22	Functional Single-Nucleotide Polymorphisms in the Secretogranin III (SCG3) Gene that Form Secretory Granules with Appetite-Related Neuropeptides Are Associated with Obesity. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1145-1154.	1.8	40
23	PPARG Genotype Accounts for Part of Individual Variation in Body Weight Reduction in Response to Calorie Restriction. Obesity, 2009, 17, 1924-1931.	1.5	39
24	Genetic variations in the CYP17A1 and NT5C2 genes are associated with a reduction in visceral and subcutaneous fat areas in Japanese women. Journal of Human Genetics, 2012, 57, 46-51.	1.1	38
25	Polymorphisms in NRXN3, TFAP2B, MSRA, LYPLAL1, FTO and MC4R and their effect on visceral fat area in the Japanese population. Journal of Human Genetics, 2010, 55, 738-742.	1.1	36
26	Comparison of accelerometerâ€measured sedentary behavior, and lightâ€and moderateâ€toâ€vigorousâ€intensity physical activity in whiteâ€and blueâ€collar workers in a Japanese manufacturing plant. Journal of Occupational Health, 2018, 60, 246-253.	1.0	30
27	Target Value of Intraabdominal Fat Area for Improving Coronary Heart Disease Risk Factors. Obesity, 2004, 12, 695-703.	4.0	29
28	Effects of additional resistance training during diet-induced weight loss on bone mineral density in overweight premenopausal women. Journal of Bone and Mineral Metabolism, 2008, 26, 172-177.	1.3	29
29	Electrocardiographic Determinants of the Polymorphic QRS Morphology in Idiopathic Right Ventricular Outflow Tract Tachycardia. Journal of Cardiovascular Electrophysiology, 2012, 23, 521-526.	0.8	29
30	Effects of Acute Aerobic Exercise on High-Molecular-Weight Adiponectin. Medicine and Science in Sports and Exercise, 2008, 40, 1271-1276.	0.2	25
31	Olive leaf tea is beneficial for lipid metabolism in adults with prediabetes: an exploratory randomized controlled trial. Nutrition Research, 2019, 67, 60-66.	1.3	25
32	Computed tomography analysis of the association between the SH2B1 rs7498665 single-nucleotide polymorphism and visceral fat area. Journal of Human Genetics, 2011, 56, 716-719.	1.1	24
33	Effects of FTO Genotype on Weight Loss and Metabolic Risk Factors in Response to Calorie Restriction Among Japanese Women. Obesity, 2012, 20, 1122-1126.	1.5	24
34	Association between type 2 diabetes genetic susceptibility loci and visceral and subcutaneous fat area as determined by computed tomography. Journal of Human Genetics, 2012, 57, 305-310.	1.1	23
35	Effects of Obesity Phenotype on Coronary Heart Disease Risk Factors in Response to Weight Loss. Obesity, 2002, 10, 757-766.	4.0	22
36	Weight reduction can decrease circulating soluble lectin-like oxidized low-density lipoprotein receptorâ€“1 levels in overweight middle-aged men. Metabolism: Clinical and Experimental, 2009, 58, 1209-1214.	1.5	22

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37	Simultaneous Validation of Seven Physical Activity Questionnaires Used in Japanese Cohorts for Estimating Energy Expenditure: A Doubly Labeled Water Study. Journal of Epidemiology, 2018, 28, 437-442.	1.1	22
38	Factors alleviating metabolic syndrome via diet-induced weight loss with or without exercise in overweight Japanese women. Preventive Medicine, 2009, 48, 351-356.	1.6	20
39	The FTO genotype as a useful predictor of body weight maintenance: Initial data from a 5-year follow-up study. Metabolism: Clinical and Experimental, 2014, 63, 912-917.	1.5	20
40	Effects of obesity phenotype on fat metabolism in obese men during endurance exercise. International Journal of Obesity, 2006, 30, 1189-1196.	1.6	19
41	Combination of polymorphisms in the Î²2-adrenergic receptor and nitric oxide synthase 3 genes increases the risk for hypertension. Journal of Hypertension, 2009, 27, 1377-1383.	0.3	19
42	A comparison of the prevalence of the metabolic syndrome and its components among native Japanese and Japanese Brazilians residing in Japan and Brazil. European Journal of Cardiovascular Prevention and Rehabilitation, 2007, 14, 508-514.	3.1	18
43	Logistic regression analysis for identifying the factors affecting development of non-invasive blood glucose calibration model by near-infrared spectroscopy. Chemometrics and Intelligent Laboratory Systems, 2015, 148, 128-133.	1.8	18
44	Weight Loss Maintenance for 2 Years after a 6-Month Randomised Controlled Trial Comparing Education-Only and Group-Based Support in Japanese Adults. Obesity Facts, 2014, 7, 376-387.	1.6	17
45	Weight loss reduces plasma endothelin-1 concentration in obese men. Experimental Biology and Medicine, 2006, 231, 1044-7.	1.1	17
46	The effects of vigorous physical activity on intra-abdominal fat levels: A preliminary study of middle-aged Japanese men. Diabetes Research and Clinical Practice, 2010, 88, 34-41.	1.1	16
47	<i>NUDT3</i> rs206936 is associated with body mass index in obese Japanese women. Endocrine Journal, 2013, 60, 991-1000.	0.7	16
48	Replication Study of 15 Recently Published Loci for Body Fat Distribution in the Japanese Population. Journal of Atherosclerosis and Thrombosis, 2013, 20, 336-350.	0.9	16
49	Comparison of glucose monitoring between Freestyle Libre Pro and iP ro2 in patients with diabetes mellitus. Journal of Diabetes Investigation, 2019, 10, 851-856.	1.1	16
50	Effects of diet with or without exercise on leptin and anticoagulation proteins levels in obesity. Blood Coagulation and Fibrinolysis, 2007, 18, 389-394.	0.5	15
51	Obesity phenotype and intra-abdominal fat responses to regular aerobic exercise. Diabetes Research and Clinical Practice, 2009, 84, 230-238.	1.1	15
52	A common genetic variant of the chromogranin A-derived peptide catestatin is associated with atherogenesis and hypertension in a Japanese population. Endocrine Journal, 2015, 62, 797-804.	0.7	15
53	Comparison of Education-Only versus Group-Based Intervention in Promoting Weight Loss: A Randomised Controlled Trial. Obesity Facts, 2011, 4, 222-228.	1.6	14
54	CDH13 Polymorphisms are Associated with Adiponectin Levels and Metabolic Syndrome Traits Independently of Visceral Fat Mass. Journal of Atherosclerosis and Thrombosis, 2016, 23, 309-319.	0.9	14

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55	Web-based intervention to promote weight-loss maintenance using an activity monitor: A randomized controlled trial. Preventive Medicine Reports, 2019, 14, 100839.	0.8	13
56	Central Obesity and Health-related Factors among Middle-aged Men: a Comparison among Native Japanese and Japanese-Brazilians Residing in Brazil and Japan. Journal of Physiological Anthropology, 2007, 26, 339-347.	1.0	11
57	Body Composition Measurements by Dual-Energy X-ray Absorptiometry Differ Between Two Analysis Modes. Journal of Clinical Densitometry, 2004, 7, 443-447.	0.5	10
58	Lower HDL-cholesterol among healthy middle-aged Japanese-Brazilians in SÃ£o Paulo compared to Natives and Japanese-Brazilians in Japan. European Journal of Epidemiology, 2007, 22, 33-42.	2.5	10
59	Air Displacement Plethysmography for Estimating Body Composition Changes with Weight Loss in Middle-Aged Japanese Men. Obesity Facts, 2010, 3, 357-362.	1.6	10
60	Dose-ranging pilot randomized trial of amino acid mixture combined with physical activity promotion for reducing abdominal fat in overweight adults. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2017, Volume 10, 297-309.	1.1	10
61	The influence of physical activity-induced energy expenditure on the variance in body weight change among individuals during a diet intervention. Obesity Research and Clinical Practice, 2007, 1, 109-117.	0.8	9
62	Effect of partially-abraded brown rice consumption on body weight and the indicators of glucose and lipid metabolism in pre-diabetic adults: A randomized controlled trial. Clinical Nutrition ESPEN, 2017, 19, 9-15.	0.5	9
63	Combined effects of lactotripeptide and aerobic exercise on cognitive function and cerebral oxygenation in middle-aged and older adults. American Journal of Clinical Nutrition, 2019, 109, 353-360.	2.2	8
64	Sports Specialization and Sports-Related Injuries in Japanese School-Aged Children and Adolescents: A Retrospective Descriptive Study. International Journal of Environmental Research and Public Health, 2021, 18, 7369.	1.2	8
65	Screening of 336 single-nucleotide polymorphisms in 85 obesity-related genes revealed McKusickâ€“Kaufman syndrome gene variants are associated with metabolic syndrome. Journal of Human Genetics, 2009, 54, 230-235.	1.1	7
66	Presence of structural heart disease and left ventricular dysfunction predict hospitalizations for new-onset heart failure after right ventricular apical pacing. Europace, 2011, 13, 230-236.	0.7	7
67	Randomized trial of amino acid mixture combined with physical activity promotion for abdominal fat reduction in overweight adults. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2018, Volume 11, 23-33.	1.1	7
68	Health benefits associated with exercise habituation in older Japanese men. Aging Clinical and Experimental Research, 2004, 16, 53-59.	1.4	6
69	EFFECTS OF EXERCISE ON VISCERAL FAT IN OBESE MIDDLE-AGED MEN : COMPARISON TO DIETARY MODIFICATION. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 89-100.	0.0	6
70	Application of Robot Suit HAL to Gait Rehabilitation of Stroke Patients: A Case Study. Lecture Notes in Computer Science, 2012, , 184-187.	1.0	6
71	Comparisons of the Prevalence, Severity, and Risk Factors of Dysmenorrhea between Japanese Female Athletes and Non-Athletes in Universities. International Journal of Environmental Research and Public Health, 2022, 19, 52.	1.2	6
72	Effect of weight reduction on concentration of plasma total homocysteine in obese Japanese men. Obesity Research and Clinical Practice, 2007, 1, 213-221.	0.8	5

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73	Adherence to and effects of multidirectional stepping exercise in the elderly: A long-term observational study following a randomized controlled trial. The Journal of Physical Fitness and Sports Medicine, 2013, 2, 127-134.	0.2	5
74	<i>ADIPOQ</i> polymorphisms are associated with insulin resistance in Japanese women. Endocrine Journal, 2015, 62, 513-521.	0.7	5
75	Association of abdominal fat with metabolic syndrome components in overweight women: effect of menopausal status. Journal of Physiological Anthropology, 2020, 39, 12.	1.0	5
76	Response of Coronary Heart Disease Risk Factors to Changes in Body Fat during Diet-Induced Weight Reduction in Japanese Obese Men: A Pilot Study. Annals of Nutrition and Metabolism, 2010, 56, 1-8.	1.0	4
77	An Exploratory Study of the Effects of Continuous Intake of Olive Leaf Tea on Physique and Glucose and Lipid Metabolism. Nihon EiyÅ•ShokuryÅ•Gakkai Shi = Nippon EiyÅ•ShokuryÅ•Gakkaishi = Journal of Japanese Society of Nutrition and Food Science, 2018, 71, 121-131.	0.2	4
78	Music attenuates a widened central pulse pressure caused by resistance exercise: A randomized, singleâ€blinded, shamâ€controlled, crossover study. European Journal of Sport Science, 2021, 21, 1225-1233.	1.4	4
79	EFFECTS OF CHANGE IN BODY MASS AND BODY COMPOSITION DURING BODY MASS REDUCTION ON BONE MASS IN OBESE MIDDLE-AGED WOMEN. Japanese Journal of Physical Fitness and Sports Medicine, 2002, 51, 129-137.	0.0	3
80	A Single Motivational Lecture Can Promote Modest Weight Loss: A Randomized Controlled Trial. Obesity Facts, 2020, 13, 267-278.	1.6	3
81	Current review of intervention studies on obesity and the role of physical activity in weight control. The Journal of Physical Fitness and Sports Medicine, 2015, 4, 321-329.	0.2	3
82	Association between age and dynamic balance capability assessed by use of force plates. Japanese Journal of Physical Fitness and Sports Medicine, 2015, 64, 419-425.	0.0	3
83	Plasma fat concentration increases in visceral fat obese men during high-intensity endurance exercise. Obesity Research and Clinical Practice, 2007, 1, 273-279.	0.8	2
84	Physical activity and intra-abdominal fat reduction: effects of age, obesity phenotype and vigorous physical activity. Japanese Journal of Physical Fitness and Sports Medicine, 2010, 59, 68-68.	0.0	2
85	Effects of Vibrotactile Feedback on Sedentary Behaviors in Adults: A Pilot Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2019, 16, 4612.	1.2	2
86	Associations of Objectively Measured Physical Activity and Sleep with Weight Loss Maintenance: A Preliminary Study of Japanese Adults. Behavioral Sciences (Basel, Switzerland), 2020, 10, 3.	1.0	2
87	EFFECTS OF CHANGE IN DAILY PHYSICAL ACTIVITY DURING AN EXERCISE INTERVENTION ON VITAL AGE AND PHYSICAL FITNESS AGE. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 463-474.	0.0	1
88	Is it possible to increase muscle mass and basal metabolic rate during weight loss?. Japanese Journal of Physical Fitness and Sports Medicine, 2017, 66, 209-212.	0.0	1
89	Different degree of intervention in 6-month weight-loss support and arterial stiffness: Secondary analysis of a randomized controlled trial. Obesity Research and Clinical Practice, 2021, 15, 93-95.	0.8	1
90	Comparison between volunteer- and expert-led versions of a community-based weight-loss intervention. Preventive Medicine Reports, 2021, 22, 101370.	0.8	1

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91	An Exploratory Randomized Crossover Trial to Investigate the Palatability of Partially Abraded Brown Rice. Nihon EiyÅ•ShokuryÅ•Gakkai Shi = Nippon EiyÅ•ShokuryÅ•Gakkaishi = Journal of Japanese Society of Nutrition and Food Science, 2016, 69, 249-255.	0.2	1
92	A COMPARISON OF SINGLE-AND MULTI-FREQUENCY BIOELECTRICAL IMPEDANCE METHODS TO ASSESS HUMAN BODY COMPOSITION. Japanese Journal of Physical Fitness and Sports Medicine, 2003, 52, 443-453.	0.0	1
93	PERSONALITY AND SELF-EFFICACY FACTORS IN WEIGHT MAINTENANCE AFTER WEIGHT REDUCTION PROGRAM. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 197-206.	0.0	1
94	Proposal of a Comprehensive and Multi-Component Approach to Promote Physical Activity among Japanese Office Workers: A Qualitative Focus Group Interview Study. International Journal of Environmental Research and Public Health, 2022, 19, 2172.	1.2	1
95	EFFECTS OF DIET PLUS EXERCISE ON VISCERAL FAT IN OBESE WOMEN : WITH SPECIAL REFERENCE TO THE INCREASE IN VO₂max. Japanese Journal of Physical Fitness and Sports Medicine, 2004, 53, 311-319.	0.0	0
96	Increased Low-intensity Household And Moderate-intensity Locomotive Activities Are Correlated With Weight Loss Magnitude In Women. Medicine and Science in Sports and Exercise, 2011, 43, 115.	0.2	0
97	Correction to: Comparison of Education-Only versus Group-Based Intervention in Promoting Weight Loss: A Randomised Controlled Trial. Obesity Facts, 2013, 6, 89-90.	1.6	0
98	Compliance With Physical Activity Guidelines Among Japanese Adults Using An Accelerometer And GPAQ. Medicine and Science in Sports and Exercise, 2015, 47, 405.	0.2	0
99	Validation of Physical Activity Estimated Using Wearable Devices under Free-living Conditions. Medicine and Science in Sports and Exercise, 2016, 48, 550.	0.2	0
100	Predictive Indicators of Early Fitness Club Membership Termination in Japan. Medicine and Science in Sports and Exercise, 2017, 49, 221-222.	0.2	0
101	Clinical Research Support in Mito Kyodo General Hospital: Current Practice and Future Problems. Journal of the Japanese Association of Rural Medicine, 2017, 65, 1177-1187.	0.0	0
102	Randomized Trial Of Amino Acid Mixture Combined With Physical Activity Promotion In Overweight Adults. Medicine and Science in Sports and Exercise, 2018, 50, 57-58.	0.2	0
103	Association between Endocrine Therapy and Weight Gain after Breast Cancer Diagnosis among Japanese Patients: A Retrospective Cohort Study. Medical Sciences (Basel, Switzerland), 2021, 9, 50.	1.3	0
104	Effects of Weight Loss Program with Diet and Exercise on Vital Age in Obese Middle-aged Women. International Journal of Sport and Health Science, 2003, 1, 89-94.	0.0	0
105	Estimation of Visceral Fat Area from Anthropometric Measurements in Japanese Women. Medicine and Science in Sports and Exercise, 2004, 36, S73.	0.2	0
106	Effects Of Rebound After Weight Loss On Coronary Heart Disease Risk Factors. Medicine and Science in Sports and Exercise, 2005, 37, S268.	0.2	0
107	Validation Of Multi-frequency Bioelectrical Impedance Method To Estimate Changes In Body Composition During Weight Loss. Medicine and Science in Sports and Exercise, 2005, 37, S298.	0.2	0
108	Effects of Exercise During Diet-Induced Weight Loss on Bone Mineral Density in Obese Middle-Aged Men. Medicine and Science in Sports and Exercise, 2006, 38, S530.	0.2	0

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109	Effects of Square-Stepping Exercise on Agility in Older Adults. Medicine and Science in Sports and Exercise, 2008, 40, S376.	0.2	0
110	EFFECTS OF HABITUAL EXERCISE AND CANDIDATE GENE POLYMORPHISMS RELATED TO BONE ON CALCANEAL QUANTITATIVE ULTRASOUND IN MIDDLE-AGED AND ELDERLY JAPANESE. Japanese Journal of Physical Fitness and Sports Medicine, 2009, 58, 421-430.	0.0	0
111	Influence of Cardiorespiratory Fitness and Drinking Habits on Total Cancer Mortality: A Cohort Study of Japanese Man. Japanese Journal of Physical Fitness and Sports Medicine, 2013, 62, 375-381.	0.0	0
112	EVALUATON OF DOPPLER FLOW WAVE FOR PERIPHEAL ARTERIAL OCCLUSIVE DISEASE. The Journal of the Japanese Practical Surgeon Society, 1989, 50, 2552-2558.	0.0	0
113	A Strategy To Reduce The Dropout Rate In A Volunteer-led Community Weight-loss Program. Medicine and Science in Sports and Exercise, 2018, 50, 70.	0.2	0
114	Risk Factors of Sports-Related Injury in School-Aged Children and Adolescents: A Retrospective Questionnaire Survey. International Journal of Environmental Research and Public Health, 2022, 19, 8662.	1.2	0