Motohikjo Miyachi

List of Publications by Year
in descending order

253 papers	7,770 citations	71102 41 h-index	69250 77 g-index
284 all docs	284 docs citations	284 times ranked	9271 citing authors

#	Article	IF	Citations
1	Leisureâ€time physical activity and incidence of objectively assessed hearing loss: The Niigata Wellness Study. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 435-445.	2.9	8
2	The MOTS-c K14Q polymorphism in the mtDNA is associated with muscle fiber composition and muscular performance. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130048.	2.4	6
3	How many food items must be consumed to meet the recommended dietary protein intake for older Japanese adults?. Geriatrics and Gerontology International, 2022, 22, 181-183.	1.5	2
4	Intestinal microbe-dependent Ï‰3 lipid metabolite Î±KetoA prevents inflammatory diseases in mice and cynomolgus macaques. Mucosal Immunology, 2022, 15, 289-300.	6.0	16
5	Association Between Temporal Changes in Diet Quality and Concurrent Changes in Dietary Intake, Body Mass Index, and Physical Activity Among Japanese Adults: A Longitudinal Study. Frontiers in Nutrition, 2022, 9, 753127.	3.7	5
6	Diet quality and physical or comprehensive frailty among older adults. European Journal of Nutrition, 2022, 61, 2451-2462.	3.9	11
7	Relationships between barley consumption and gut microbiome characteristics in a healthy Japanese population: a cross-sectional study. BMC Nutrition, 2022, 8, 23.	1.6	6
8	Classification of the Occurrence of Dyslipidemia Based on Gut Bacteria Related to Barley Intake. Frontiers in Nutrition, 2022, 9, 812469.	3.7	8
9	Weight over-reporting is associated with low muscle mass among community-dwelling Japanese adults aged 40 years and older: a cross sectional study. Journal of Physiological Anthropology, 2022, 41, 19.	2.6	0
10	Dietary Vitamin B1 Intake Influences Gut Microbial Community and the Consequent Production of Short-Chain Fatty Acids. Nutrients, 2022, 14, 2078.	4.1	14
11	Relationship between thigh muscle cross-sectional areas and single leg stand-up test in Japanese older women. PLoS ONE, 2022, 17, e0269103.	2.5	1
12	Body flexibility and incident hypertension: The Niigata wellness study. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 702-709.	2.9	9
13	A Prospective Cohort Study of Muscular and Performance Fitness and Risk of Hearing Loss: The Niigata Wellness Study. American Journal of Medicine, 2021, 134, 235-242.e4.	1.5	10
14	Gut microbial composition in patients with atrial fibrillation: effects of diet and drugs. Heart and Vessels, 2021, 36, 105-114.	1.2	31
15	Doseâ€“response relationship between protein intake and muscle mass increase: a systematic review and meta-analysis of randomized controlled trials. Nutrition Reviews, 2021, 79, 66-75.	5.8	45
16	Compliance with a physical activity guideline among junior high school students. Pediatrics International, 2021, 63, 1514-1520.	0.5	1
17	Association of habitual exercise with adultsâ€™ mental health following the Fukushima Daiichi nuclear power plant accident: the Fukushima Health Management Survey. Mental Health and Physical Activity, 2021, 20, 100388.	1.8	1
18	Physical Fitness and Dyslipidemia Among Japanese: A Cohort Study From the Niigata Wellness Study. Journal of Epidemiology, 2021, 31, 287-296.	2.4	12

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19	Factors associated with sarcopenia screened by finger-circle test among middle-aged and older adults: a population-based multisite cross-sectional survey in Japan. BMC Public Health, 2021, 21, 798.	2.9	6
20	Greater arterial wall viscosity in endurance-trained men. European Journal of Applied Physiology, 2021, 121, 2219-2228.	2.5	2
21	Comprehensive analysis of gut microbiota of a healthy population and covariates affecting microbial variation in two large Japanese cohorts. BMC Microbiology, 2021, 21, 151.	3.3	30
22	Association between socioeconomic status and prolonged television viewing time in a general Japanese population: NIPPON DATA2010. Environmental Health and Preventive Medicine, 2021, 26, 57.	3.4	3
23	Stool pattern is associated with not only the prevalence of tumorigenic bacteria isolated from fecal matter but also plasma and fecal fatty acids in healthy Japanese adults. BMC Microbiology, 2021, 21, 196.	3.3	4
24	Validating muscle mass cutoffs of four international sarcopeniaâ€workingâ€groups in Japanese people using DXA and BIA. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1000-1010.	7.3	20
25	Age, Sex, and Regional Differences in the Effect of COVID-19 Pandemic on Objective Physical Activity in Japan: A 2-Year Nationwide Longitudinal Study. Journal of Nutrition, Health and Aging, 2021, 25, 1032-1033.	3.3	15
26	Association between socioeconomic status and physical inactivity in a general Japanese population: NIPPON DATA2010. PLoS ONE, 2021, 16, e0254706.	2.5	5
27	Association of bioelectrical phase angle with aerobic capacity, complex gait ability and total fitness score in older adults. Experimental Gerontology, 2021, 150, 111350.	2.8	18
28	Association between Lifestyle Changes and at-Home Hours during and after the State of Emergency Due to the COVID-19 Pandemic in Japan. Nutrients, 2021, 13, 2698.	4.1	19
29	Mother-to-infant transmission of the carcinogenic colibactin-producing bacteria. BMC Microbiology, 2021, 21, 235.	3.3	16
30	Chronic Dietary Animal Protein Intake Cancels Resistance Training-induced Increase In Arterial Stiffness In Older Women. Medicine and Science in Sports and Exercise, 2021, 53, 79-79.	0.4	0
31	A community-wide intervention to promote physical activity: A five-year quasi-experimental study. Preventive Medicine, 2021, 150, 106708.	3.4	4
32	Development and validation of a simple anthropometric equation to predict appendicular skeletal muscle mass. Clinical Nutrition, 2021, 40, 5523-5530.	5.0	21
33	Effect of a 1-year intervention comprising brief counselling sessions and low-dose physical activity recommendations in Japanese adults, and retention of the effect at 2Âyears: a randomized trial. BMC Sports Science, Medicine and Rehabilitation, 2021, 13, 133.	1.7	5
34	Association between dietary intake and the prevalence of tumourigenic bacteria in the gut microbiota of middle-aged Japanese adults. Scientific Reports, 2020, 10, 15221.	3.3	24
35	Cutâ€offs for calf circumference as a screening tool for low muscle mass: <scp>WASEDA'S</scp> Health Study. Geriatrics and Gerontology International, 2020, 20, 943-950.	1.5	44
36	Simulating the Impact of Long-Term Care Prevention Among Older Japanese People on Healthcare Costs From 2020 to 2040 Using System Dynamics Modeling. Frontiers in Public Health, 2020, 8, 592471.	2.7	10

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37	The associations of eating behavior and dietary intake with metabolic syndrome in Japanese: Saku cohort baseline study. Journal of Physiological Anthropology, 2020, 39, 40.	2.6	7
38	Genome-Wide Association Study Reveals a Novel Association Between MYBPC3 Gene Polymorphism, Endurance Athlete Status, Aerobic Capacity and Steroid Metabolism. Frontiers in Genetics, 2020, 11, 595.	2.3	30
39	The association of HFE gene H63D polymorphism with endurance athlete status and aerobic capacity: novel findings and a meta-analysis. European Journal of Applied Physiology, 2020, 120, 665-673.	2.5	29
40	Energy Expenditure in Free-Living Japanese People with Obesity and Type 2 Diabetes, Measured Using the Doubly-Labeled Water Method. Journal of Nutritional Science and Vitaminology, 2020, 66, 319-324.	0.6	2
41	A Prospective Cohort Study Of Physical Fitness And Incident Hearing Loss: The Niigata Wellness Study. Medicine and Science in Sports and Exercise, 2020, 52, 421-421.	0.4	0
42	Exercise intensity during walking football game. Japanese Journal of Physical Fitness and Sports Medicine, 2020, 69, 335-341.	0.0	1
43	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. PLoS ONE, 2020, 15, e0243609.	2.5	6
44	A Prospective Cohort Study of Muscular and Performance Fitness and Incident Glaucoma: The Niigata Wellness Study. Journal of Physical Activity and Health, 2020, 17, 1171-1178.	2.0	3
45	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
46	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
47	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
48	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
49	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
50	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
51	Physical Fitness Tests and Type 2 Diabetes Among Japanese: A Longitudinal Study From the Niigata Wellness Study. Journal of Epidemiology, 2019, 29, 139-146.	2.4	37
52	Development of affective experience, attitude, and behavioral intention scales for exercise and their associations with exercise behavior. Japanese Journal of Physical Fitness and Sports Medicine, 2019, 68, 105-116.	0.0	0
53	Validity of an observational assessment tool for multifaceted evaluation of faecal condition. Scientific Reports, 2019, 9, 3760.	3.3	10
54	Frequency of achieving a â€˜fitâ€™ cardiorespiratory fitness level and hypertension. Journal of Hypertension, 2019, 37, 820-826.	0.5	7

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55	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
56	Results from the Japan's 2018 report card on physical activity for children and youth. Journal of Exercise Science and Fitness, 2019, 17, 20-25.	2.2	25
57	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.	3.7	60
58	Effects of 1-year weight loss intervention on abdominal skeletal muscle mass in Japanese overweight men and women. Asia Pacific Journal of Clinical Nutrition, 2019, 28, 72-78.	0.4	7
59	Physical activity, METs, and energy expenditure. Journal of the Japanese Society for Food Science and Technology, 2019, 66, 57-57.	0.1	0
60	Rationale Diagnostic Criteria of the Metabolic Syndrome. Diabetes Research (Fairfax, Va), 2019, 5, 1-7.	0.4	0
61	A Prospective Cohort Study of Physical Fitness and Incident Glaucoma: The Niigata Wellness Study. Medicine and Science in Sports and Exercise, 2019, 51, 222-222.	0.4	0
62	Community-wide intervention and population-level physical activity: a 5-year cluster randomized trial. International Journal of Epidemiology, 2018, 47, 642-653.	1.9	44
63	Caffeine Consumption Is Associated With Higher Level of Physical Activity in Japanese Women. International Journal of Sport Nutrition and Exercise Metabolism, 2018, 28, 474-479.	2.1	6
64	The Association of Fit-Fat Index with Incident Diabetes in Japanese Men: A Prospective Cohort Study. Scientific Reports, 2018, 8, 569.	3.3	7
65	Association between objectively measured physical activity and body mass index with low back pain: a large-scale cross-sectional study of Japanese men. BMC Public Health, 2018, 18, 341.	2.9	13
66	Awareness of physical activity promotion, physical activity, and sedentary behavior in elderly Japanese. The Journal of Physical Fitness and Sports Medicine, 2018, 7, 113-119.	0.3	2
67	Objectively Measured Physical Activity and Low Back Pain in Japanese Men. Journal of Physical Activity and Health, 2018, 15, 417-422.	2.0	2
68	Association of visceral fat area with abdominal skeletal muscle distribution in overweight Japanese adults. Obesity Research and Clinical Practice, 2018, 12, 378-383.	1.8	6
69	Community-wide physical activity intervention based on the Japanese physical activity guidelines for adults: A non-randomized controlled trial. Preventive Medicine, 2018, 107, 61-68.	3.4	19
70	Heritability estimates of enduranceâ€related phenotypes: AÂsystematic review and metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 834-845.	2.9	40
71	Long-term Impact of Cardiorespiratory Fitness on Type 2 Diabetes Incidence: A Cohort Study of Japanese Men. Journal of Epidemiology, 2018, 28, 266-273.	2.4	14
72	Results From Japanâ€™s 2018 Report Card on Physical Activity for Children and Youth. Journal of Physical Activity and Health, 2018, 15, S375-S376.	2.0	5

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73	Importance of Achieving a â€œFitâ€•Cardiorespiratory Fitness Level for Several Years on the Incidence of Type 2 Diabetes Mellitus: A Japanese Cohort Study. Journal of Epidemiology, 2018, 28, 230-236.	2.4	7
74	Combined association of cardiorespiratory fitness and family history of hypertension on the incidence of hypertension: a long-term cohort study of Japanese males. Hypertension Research, 2018, 41, 1063-1069.	2.7	11
75	AGTR2 and sprint/power performance: a case-control replication study for rs11091046 polymorphism in two ethnicities. Biology of Sport, 2018, 35, 105-109.	3.2	12
76	Association of high individual-level of social capital with increased physical activity among community-dwelling elderly men and women: a cross-sectional study. Japanese Journal of Physical Fitness and Sports Medicine, 2018, 67, 177-185.	0.0	3
77	Effects of behavioral counseling on cardiometabolic biomarkers: A longitudinal analysis of the Japanese national database. Preventive Medicine, 2018, 113, 116-121.	3.4	8
78	Tracking of cardiorespiratory fitness in Japanese men. The Journal of Physical Fitness and Sports Medicine, 2018, 7, 25-33.	0.3	1
79	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.	2.4	22
80	Relationship between Cardiorespiratory Fitness and Non-High-Density Lipoprotein Cholesterol: A Cohort Study. Journal of Atherosclerosis and Thrombosis, 2018, 25, 1196-1205.	2.0	15
81	Lack of association between genotype score and sprint/power performance in the Japanese population. Journal of Science and Medicine in Sport, 2017, 20, 98-103.	1.3	30
82	Comparison between clinical significance of height-adjusted and weight-adjusted appendicular skeletal muscle mass. Journal of Physiological Anthropology, 2017, 36, 15.	2.6	25
83	Consistently High Level of Cardiorespiratory Fitness and Incidence of Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2017, 49, 2048-2055.	0.4	11
84	Association between ACTN3 R577X Polymorphism and Trunk Flexibility in 2 Different Cohorts. International Journal of Sports Medicine, 2017, 38, 402-406.	1.7	22
85	Strength Training and Allâ€Cause, Cardiovascular Disease, and Cancer Mortality in Older Women: A Cohort Study. Journal of the American Heart Association, 2017, 6, .	3.7	67
86	Effects of Combined Aerobic and Resistance Training. Medicine and Science in Sports and Exercise, 2017, 49, 34.	0.4	2
87	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. Nature Communications, 2017, 8, 16015.	12.8	149
88	Method for preparing DNA from feces in guanidine thiocyanate solution affects 16S rRNA-based profiling of human microbiota diversity. Scientific Reports, 2017, 7, 4339.	3.3	53
89	The Association Between MCT1 T1470A Polymorphism and Power-Oriented Athletic Performance. International Journal of Sports Medicine, 2017, 38, 76-80.	1.7	20
90	Heritability estimates of muscle strengthâ€related phenotypes: A systematic review and metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 1537-1546.	2.9	67

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91	Fatness and Low Back Pain. Medicine and Science in Sports and Exercise, 2017, 49, 791-792.	0.4	0
92	The contribution of NintendoWii Fitseries in the field of health: a systematic review and meta-analysis. PeerJ, 2017, 5, e3600.	2.0	34
93	Effect Of Cardiorespiratory Fitness On Blood Glucose Trajectory With Aging. Medicine and Science in Sports and Exercise, 2017, 49, 846.	0.4	0
94	Greater Progression of Age-Related Aortic Stiffening in Adults with Poor Trunk Flexibility: A 5-Year Longitudinal Study. Frontiers in Physiology, 2017, 8, 454.	2.8	8
95	Developing and Validating an Age-Independent Equation Using Multi-Frequency Bioelectrical Impedance Analysis for Estimation of Appendicular Skeletal Muscle Mass and Establishing a Cutoff for Sarcopenia. International Journal of Environmental Research and Public Health, 2017, 14, 809.	2.6	107
96	Epistasis, physical capacity-related genes and exceptional longevity: FNDC5 gene interactions with candidate genes FOXOA3 and APOE. BMC Genomics, 2017, 18, 803.	2.8	19
97	Development of prediction equations for estimating appendicular skeletal muscle mass in Japanese men and women. Journal of Physiological Anthropology, 2017, 36, 34.	2.6	20
98	Obesity and low back pain: a retrospective cohort study of Japanese males. Journal of Physical Therapy Science, 2017, 29, 978-983.	0.6	24
99	Associations between depression and unhealthy behaviours related to metabolic syndrome: a cross sectional study. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 130-140.	0.4	16
100	Associations of Waist-to-Height Ratio with Various Emotional and Irregular Eating, and Making Environment to Promote Eating in Japanese Adults: The Saku Cohort Study. Sports and Exercise Medicine - Open Journal, 2017, 3, 20-30.	0.3	0
101	No Evidence of a Common DNA Variant Profile Specific to World Class Endurance Athletes. PLoS ONE, 2016, 11, e0147330.	2.5	96
102	Lack of replication of associations between multiple genetic polymorphisms and endurance athlete status in Japanese population. Physiological Reports, 2016, 4, e13003.	1.7	27
103	Results From Japanâ€™s 2016 Report Card on Physical Activity for Children and Youth. Journal of Physical Activity and Health, 2016, 13, S189-S194.	2.0	21
104	CD56dimCD16high and CD56brightCD16aˆ' cell percentages associated with maximum knee extensor strength and incidence of death in elderly. SpringerPlus, 2016, 5, 244.	1.2	2
105	Remaining Questions Concerning Wearable Devicesâ€"Reply. JAMA Internal Medicine, 2016, 176, 1409.	5.1	0
106	rs2802292 polymorphism in the FOXO3A gene and exceptional longevity in two ethnically distinct cohorts. Maturitas, 2016, 92, 110-114.	2.4	2
107	Cardiorespiratory Fitness Suppresses Ageâ€Related Arterial Stiffening in Healthy Adults: A 2â€Year Longitudinal Observational Study. Journal of Clinical Hypertension, 2016, 18, 292-298.	2.0	31
108	Body Mass Index and Kidney Stones: A Cohort Study of Japanese Men. Journal of Epidemiology, 2016, 26, 131-136.	2.4	30

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109	Relationships between social factors and physical activity among elderly survivors of the Great East Japan earthquake: a cross-sectional study. BMC Geriatrics, 2016, 16, 30.	2.7	18
110	Accuracy of Wearable Devices for Estimating Total Energy Expenditure. JAMA Internal Medicine, 2016, 176, 702.	5.1	159
111	CNTFR Genotype and Sprint/power Performance: Case-control Association and Functional Studies. International Journal of Sports Medicine, 2016, 37, 411-417.	1.7	15
112	Doseâ€“response relationship between sports activity and musculoskeletal pain in adolescents. Pain, 2016, 157, 1339-1345.	4.2	27
113	Athlome Project Consortium: a concerted effort to discover genomic and other â€œomicâ€•markers of athletic performance. Physiological Genomics, 2016, 48, 183-190.	2.3	96
114	ACTN3 R577X genotype and athletic performance in a large cohort of Japanese athletes. European Journal of Sport Science, 2016, 16, 694-701.	2.7	40
115	Weight change after 20 years of age and the incidence of dyslipidemia: a cohort study of Japanese male workers. Journal of Public Health, 2016, 38, e77-e83.	1.8	9
116	Muscle-Related Polymorphisms (MSTN rs1805086 and ACTN3 rs1815739) Are Not Associated with Exceptional Longevity in Japanese Centenarians. PLoS ONE, 2016, 11, e0166605.	2.5	8
117	“+10 min of Physical Activity per Day”: Japan Is Looking for Efficient but Feasible Recommendations for Its Population. Journal of Nutritional Science and Vitaminology, 2015, 61, S7-S9.	0.6	47
118	Attenuated Ageâ€Related Increases in Arterial Stiffness in Japanese and American Women. Journal of the American Geriatrics Society, 2015, 63, 1170-1174.	2.6	9
119	Exceptional longevity and muscle and fitness related genotypes: a functional in vitro analysis and case-control association replication study with SNPs THRH rs7832552, IL6 rs1800795, and ACSL1 rs6552828. Frontiers in Aging Neuroscience, 2015, 07, 59.	3.4	10
120	Palmitoleic acid induces the cardiac mitochondrial membrane permeability transition despite the presence of l-carnitine. Biochemical and Biophysical Research Communications, 2015, 463, 29-36.	2.1	9
121	Community-wide promotion of physical activity in middle-aged and older Japanese: a 3-year evaluation of a cluster randomized trial. International Journal of Behavioral Nutrition and Physical Activity, 2015, 12, 82.	4.6	24
122	Data Resource Profile: The Japan National Health and Nutrition Survey (NHNS). International Journal of Epidemiology, 2015, 44, 1842-1849.	1.9	126
123	Effect of resistance training using bodyweight in the elderly: Comparison of resistance exercise movement between slow and normal speed movement. Geriatrics and Gerontology International, 2015, 15, 1270-1277.	1.5	46
124	Calf circumference as a surrogate marker of muscle mass for diagnosing sarcopenia in <scp>J</scp>apanese men and women. Geriatrics and Gerontology International, 2015, 15, 969-976.	1.5	267
125	A missense single nucleotide polymorphism, V114I of the Werner syndrome gene, is associated with risk of osteoporosis and femoral fracture in the Japanese population. Journal of Bone and Mineral Metabolism, 2015, 33, 694-700.	2.7	6
126	â€œAdd 10 Min for Your Healthâ€• Journal of the American College of Cardiology, 2015, 65, 1153-1154.	2.8	26

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127	Installation of a stationary high desk in the workplace: effect of a 6-week intervention on physical activity. BMC Public Health, 2015, 15, 368.	2.9	24
128	Accuracy of Segmental Bioelectrical Impedance Analysis for Predicting Body Composition in Pre- and Postmenopausal Women. Journal of Clinical Densitometry, 2015, 18, 252-259.	1.2	13
129	Relationship of Cardiorespiratory Fitness and Obesity Genes to Metabolic Syndrome in Adult Japanese Men. , 2015, , 171-191.		0
130	Active video games for health promotion: from METs evaluation to physcial intervention in young adults. Japanese Journal of Physical Fitness and Sports Medicine, 2014, 63, 159-159.	0.0	1
131	Circulating leptin levels are associated with physical activity or physical fitness in Japanese. Environmental Health and Preventive Medicine, 2014, 19, 362-366.	3.4	15
132	FNDC5 (irisin) gene and exceptional longevity: a functional replication study with rs16835198 and rs726344 SNPs. Age, 2014, 36, 9733.	3.0	15
133	Evaluation of active video games intensity: Comparison between accelerometer-based predictions and indirect calorimetric measurements. Technology and Health Care, 2014, 22, 199-208.	1.2	6
134	ACTN3 R577X Genotype is Associated with Sprinting in Elite Japanese Athletes. International Journal of Sports Medicine, 2014, 35, 172-177.	1.7	43
135	The relationship of body composition to daily physical activity in free-living Japanese adult men. British Journal of Nutrition, 2014, 111, 182-188.	2.3	17
136	Does Aerobic Exercise Mitigate the Effects of Cigarette Smoking on Arterial Stiffness?. Journal of Clinical Hypertension, 2014, 16, 640-644.	2.0	26
137	Light-Intensity Physical Activity Is Associated With Insulin Resistance in Elderly Japanese Women Independent of Moderate- to Vigorous-Intensity Physical Activity. Journal of Physical Activity and Health, 2014, 11, 266-271.	2.0	24
138	Home-Based Active Video Games to Promote Weight Loss during the Postpartum Period. Medicine and Science in Sports and Exercise, 2014, 46, 472-478.	0.4	35
139	Low-molecular-weight adiponectin and high-molecular-weight adiponectin levels in relation to diabetes. Obesity, 2014, 22, 401-407.	3.0	37
140	Serum vaspin levels are associated with physical activity or physical fitness in Japanese: a pilot study. Environmental Health and Preventive Medicine, 2014, 19, 200-206.	3.4	4
141	The rs1333049 polymorphism on locus 9p21.3 and extreme longevity in Spanish and Japanese cohorts. Age, 2014, 36, 933-943.	3.0	10
142	Low-dose vitamin K2 (MK-4) supplementation for 12Âmonths improves bone metabolism and prevents forearm bone loss in postmenopausal Japanese women. Journal of Bone and Mineral Metabolism, 2014, 32, 142-150.	2.7	39
143	Exhaustive exercise increases the TNF-Î± production in response to flagellin via the upregulation of toll-like receptor 5 in the large intestine in mice. Immunology Letters, 2014, 158, 151-158.	2.5	16
144	Wii Fit U intensity and enjoyment in adults. BMC Research Notes, 2014, 7, 567.	1.4	10

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145	Higher cardiorespiratory fitness attenuates the risk of atherosclerosis associated with ADRB3 Trp64Arg polymorphism. European Journal of Applied Physiology, 2014, 114, 1421-1428.	2.5	6
146	Circulating adiponectin levels are associated with peak oxygen uptake in Japanese. Environmental Health and Preventive Medicine, 2014, 19, 279-285.	3.4	8
147	The Q223R polymorphism in the leptin receptor associates with objectively measured light physical activity in free-living Japanese. Physiology and Behavior, 2014, 129, 199-204.	2.1	8
148	Relationship between peak oxygen uptake and regional body composition in Japanese subjects. Journal of Sport and Health Science, 2014, 3, 233-238.	6.5	7
149	ApoE gene and exceptional longevity: Insights from three independent cohorts. Experimental Gerontology, 2014, 53, 16-23.	2.8	66
150	PTK2 rs7460 and rs7843014 Polymorphisms and Exceptional Longevity: A Functional Replication Study. Rejuvenation Research, 2014, 17, 430-438.	1.8	6
151	Reference Values for Cardiorespiratory Fitness and Incidence of Type 2 Diabetes. Journal of Epidemiology, 2014, 24, 25-30.	2.4	15
152	Relationship Between Physical Activity and Chronic Musculoskeletal Pain Among Community-Dwelling Japanese Adults. Journal of Epidemiology, 2014, 24, 474-483.	2.4	29
153	Higher cardiorespiratory fitness attenuates arterial stiffening associated with the Ala54Thr polymorphism in FABP2. Physiological Genomics, 2013, 45, 237-242.	2.3	12
154	Preproghrelin gene polymorphisms in obese Japanese women. Minor homozygotes are light eaters, do not prefer protein or fat, and apparently have a poor appetite. Appetite, 2013, 63, 105-111.	3.7	16
155	Relationship between macrophage differentiation and the chemotactic activity toward damaged myoblast cells. Journal of Immunological Methods, 2013, 393, 61-69.	1.4	4
156	Effects of resistance training on arterial stiffness: a meta-analysis. British Journal of Sports Medicine, 2013, 47, 393-396.	6.7	193
157	Lack of age-related increase in carotid artery wall viscosity in cardiorespiratory fit men. Journal of Hypertension, 2013, 31, 2370-2379.	0.5	16
158	Comprehensive analysis of common and rare mitochondrial DNA variants in elite Japanese athletes: a caseâ€“control study. Journal of Human Genetics, 2013, 58, 780-787.	2.3	14
159	Relationship of Living Conditions With Dietary Patterns Among Survivors of the Great East Japan Earthquake. Journal of Epidemiology, 2013, 23, 376-381.	2.4	28
160	Increased Muscle Size and Strength From Slow-Movement, Low-Intensity Resistance Exercise and Tonic Force Generation. Journal of Aging and Physical Activity, 2013, 21, 71-84.	1.0	59
161	Association Analysis of ACE and ACTN3 in Elite Caucasian and East Asian Swimmers. Medicine and Science in Sports and Exercise, 2013, 45, 892-900.	0.4	80
162	Serum Interleukin-18 Levels Are Associated with Physical Activity in Japanese Men. PLoS ONE, 2013, 8, e81497.	2.5	6

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163	Reduction in Adiposity, Î²-Cell Function, Insulin Sensitivity, and Cardiovascular Risk Factors: A Prospective Study among Japanese with Obesity. PLoS ONE, 2013, 8, e57964.	2.5	11
164	Does Cardiorespiratory Fitness Modify the Association between Birth Weight and Insulin Resistance in Adult Life?. PLoS ONE, 2013, 8, e73967.	2.5	8
165	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
166	Mitochondrial DNA haplogroup associated with hereditary hearing loss in a Japanese population. Acta Oto-Laryngologica, 2012, 132, 1178-1182.	0.9	6
167	Mitochondrial Macrohaplogroup Associated with Muscle Power in Healthy Adults. International Journal of Sports Medicine, 2012, 33, 410-414.	1.7	15
168	Habitual rowing exercise is associated with high physical fitness without affecting arterial stiffness in older men. Journal of Sports Sciences, 2012, 30, 241-246.	2.0	17
169	Adverse effects of coexistence of sarcopenia and metabolic syndrome in Japanese women. European Journal of Clinical Nutrition, 2012, 66, 1093-1098.	2.9	53
170	Associations of sex hormone-binding globulin and testosterone with diabetes among men and women (the Saku Diabetes study): a case control study. Cardiovascular Diabetology, 2012, 11, 130.	6.8	31
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