

# Makoto Ayabe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1205867/publications.pdf>

Version: 2024-02-01

55  
papers

1,205  
citations

471061

17  
h-index

377514

34  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1405  
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of uniaxial accelerometry for the assessment of physical-activity-related energy expenditure: a validation study against whole-body indirect calorimetry. <i>British Journal of Nutrition</i> , 2004, 91, 235-243.	1.2	495
2	The Physical Activity Patterns of Cardiac Rehabilitation Program Participants. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2004, 24, 80-86.	0.5	63
3	Target Step Count for the Secondary Prevention of Cardiovascular Disease. <i>Circulation Journal</i> , 2008, 72, 299-303.	0.7	62
4	Lifestyle Intervention Involving Calorie Restriction with or without Aerobic Exercise Training Improves Liver Fat in Adults with Visceral Adiposity. <i>Journal of Obesity</i> , 2014, 2014, 1-8.	1.1	49
5	Objectively Measured Age-Related Changes in the Intensity Distribution of Daily Physical Activity in Adults. <i>Journal of Physical Activity and Health</i> , 2009, 6, 419-425.	1.0	44
6	Epoch length and the physical activity bout analysis: An accelerometry research issue. <i>BMC Research Notes</i> , 2013, 6, 20.	0.6	43
7	Aerobic Exercise Attenuates the Loss of Skeletal Muscle during Energy Restriction in Adults with Visceral Adiposity. <i>Obesity Facts</i> , 2014, 7, 26-35.	1.6	36
8	Minor effects of green tea catechin supplementation on cardiovascular risk markers in active older people: A randomized controlled trial. <i>Geriatrics and Gerontology International</i> , 2013, 13, 622-629.	0.7	26
9	The Metabolic Demand of Golf in Patients With Heart Disease and in Healthy Adults. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2002, 22, 96-104.	0.5	25
10	Pedometer accuracy during stair climbing and bench stepping exercises. <i>Journal of Sports Science and Medicine</i> , 2008, 7, 249-54.	0.7	25
11	The Effects of Home-based Bench Step Exercise on Aerobic Capacity, Lower Extremity Power and Static Balance in Older Adults. <i>International Journal of Sport and Health Science</i> , 2006, 4, 570-576.	0.0	24
12	Simple Assessment of Lactate Threshold by Means of the Bench Stepping in Older Population. <i>International Journal of Sport and Health Science</i> , 2003, 1, 207-215.	0.0	23
13	Self-monitoring Moderate-Vigorous Physical Activity Versus Steps/Day Is More Effective in Chronic Disease Exercise Programs. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2010, 30, 111-115.	1.2	22
14	Role of selected polymorphisms in determining muscle fiber composition in Japanese men and women. <i>Journal of Applied Physiology</i> , 2018, 124, 1377-1384.	1.2	22
15	Assessment of minute-by-minute stepping rate of physical activity under free-living conditions in female adults. <i>Gait and Posture</i> , 2011, 34, 292-294.	0.6	21
16	Very short bouts of non-exercise physical activity associated with metabolic syndrome under free-living conditions in Japanese female adults. <i>European Journal of Applied Physiology</i> , 2012, 112, 3525-3532.	1.2	20
17	The Effects of Work Environments on Thermal Strain on Workers in Commercial Kitchens. <i>Industrial Health</i> , 2011, 49, 605-613.	0.4	18
18	COMPARISON OF DAILY ENERGY EXPENDITURE IN YOUNG AND OLDER JAPANESE USING Pedometer with Accelerometer. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2003, 52, 111-118.	0.0	17

#	ARTICLE	IF	CITATIONS
19	Minute-by-minute stepping rate of daily physical activity in normal and overweight/obese adults. <i>Obesity Research and Clinical Practice</i> , 2011, 5, e151-e156.	0.8	16
20	Evaluation of Subjective Thermal Strain in Different Kitchen Working Environments Using Subjective Judgment Scales. <i>Industrial Health</i> , 2010, 48, 135-144.	0.4	14
21	A 12-week aerobic exercise program without energy restriction improves intrahepatic fat, liver function and atherosclerosis-related factors. <i>Obesity Research and Clinical Practice</i> , 2011, 5, e249-e257.	0.8	14
22	Risk Factors for Frequent Work-related Burn and Cut Injuries and Low Back Pain among Commercial Kitchen Workers in Japan. <i>Industrial Health</i> , 2013, 51, 297-306.	0.4	12
23	Associations of Activity Monitor Output and an Estimate of Aerobic Fitness With Pulse Wave Velocities: The Nakanojo Study. <i>Journal of Physical Activity and Health</i> , 2015, 12, 139-144.	1.0	12
24	Interruption in physical activity bout analysis: an accelerometry research issue. <i>BMC Research Notes</i> , 2014, 7, 284.	0.6	11
25	DURATION AND FREQUENCY OF DAILY PHYSICAL ACTIVITY AND ACHIEVEMENT OF EXERCISE AND PHYSICAL ACTIVITY REFERENCE FOR HEALTH PROMOTION 2006. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2008, 57, 577-586.	0.0	10
26	Appendicular muscle mass and exercise/sports participation history in young Japanese women. <i>Annals of Human Biology</i> , 2019, 46, 335-339.	0.4	10
27	QUANTIFYING TIME SPENT IN MODERATE TO VIGOROUS INTENSITY PHYSICAL ACTIVITY VIA STEPPING RATE. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2008, 57, 453-462.	0.0	8
28	Validity of activity monitors worn at multiple nontraditional locations under controlled and free-living conditions in young adult women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 448-456.	0.9	8
29	Effect of physical fitness on colorectal tumor development in patients with familial adenomatous polyposis. <i>Medicine (United States)</i> , 2019, 98, e17076.	0.4	6
30	Effects of light-to-moderate intensity aerobic exercise on objectively measured sleep parameters among community-dwelling older people. <i>Archives of Gerontology and Geriatrics</i> , 2021, 94, 104336.	1.4	5
31	RELATIONSHIP BETWEEN DOUBLE PRODUCT BREAK POINT AND ST SEGMENT DEPRESSION ON ECG IN PATIENTS WITH ISCHEMIC HEART DISEASE PATIENTS AND ELDERLY PERSONS. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2003, 52, 177-184.	0.0	5
32	Effects of Heating Appliances with Different Energy Efficiencies on Associations among Work Environments, Physiological Responses, and Subjective Evaluation of Workload. <i>Industrial Health</i> , 2008, 46, 360-368.	0.4	4
33	Relationship between Angiotensin Converting Enzyme Gene I/D Polymorphism and Muscle Strength in Elderly. <i>International Journal of Sport and Health Science</i> , 2006, 4, 460-464.	0.0	4
34	Age-related differences in daily physical activity divided by bout duration: Preliminary findings in female convenience samples. <i>Journal of Sports Sciences</i> , 2012, 30, 709-713.	1.0	3
35	Validity and Reliability of the Simple Assessment of the Time Spent in Moderate to Vigorous Intensity Physical Activity under the Controlled Conditions. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S555.	0.2	3
36	Validity and Usefulness of the Simple Assessment of Lactate Threshold in Younger Adults. <i>International Journal of Sport and Health Science</i> , 2004, 2, 84-88.	0.0	3

#	ARTICLE	IF	CITATIONS
37	Relationships between body fat accumulation, aerobic capacity and insulin resistance in Japanese participants. <i>Obesity Research and Clinical Practice</i> , 2011, 5, e143-e150.	0.8	2
38	Effects of Age and Body Mass Index on Accuracy of Simple Moderate Vigorous Physical Activity Monitor Under Controlled Condition. <i>Anti-aging Medicine</i> , 2011, 8, 41-47.	0.7	2
39	Limitations of cadence-based walking for assessing bouts of moderate-to vigorous-intensity physical activity under free-living conditions. <i>Journal of Sports Sciences</i> , 2013, 31, 1805-1814.	1.0	2
40	Individual variations in steps per day for meeting physical activity guidelines in young adult women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 713-719.	0.9	2
41	Effect of handling breaks on estimation of heart rate responses to bouts of physical activity among young women: An accelerometer research issue. <i>Gait and Posture</i> , 2020, 81, 1-6.	0.6	2
42	The Time Spent in Moderate Intensity Physical Activity and the Number of Steps in Physically Active Elderly Women. <i>International Journal of Sport and Health Science</i> , 2006, 4, 528-535.	0.0	2
43	Intensity and amount of habitual physical activity for health: Special considerations in middle-aged and older Japanese adults. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2014, 3, 85-90.	0.2	2
44	HOME BASED EXERCISE EFFECTS ON COGNITION IN THE SEMI-INDEPENDENT ELDERLY. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2011, 60, 379-386.	0.0	2
45	Alterations in Heart Rate, Blood Lactate Accumulation and Perceived Exertion at Lactate Threshold as a Consequence of Exercise Training in the Elderly. <i>International Journal of Sport and Health Science</i> , 2006, 4, 536-543.	0.0	1
46	EFFECTS OF EXERCISE INTERVENTION ON BLOOD LIPID LEVELS, GLYCOMETABOLISM, ADIPOCYTOKINE LEVELS, AND CARDIAC AUTONOMIC FUNCTION IN YOUNG FEMALES WITH HIDDEN OBESITY. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2006, 55, S53-S58.	0.0	1
47	RELATIONSHIP BETWEEN OPEN-WATER SWIMMING PERFORMANCE AND AEROBIC CAPACITY. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2008, 57, 443-452.	0.0	1
48	Functional Age and Bouts of Physical Activity in Middle-Aged to Older Japanese Adults; Yurin-Study. <i>Anti-aging Medicine</i> , 2011, 8, 103-107.	0.7	1
49	The CLOCK 3111T/C polymorphism is associated with hour-by-hour physical activity levels only on weekends among Japanese male and female university students. <i>Physiology and Behavior</i> , 2022, 247, 113705.	1.0	1
50	Treatment of Resampling Frequency and Epoch Length for RR interval in Autonomic Nervous System Analysis. , 2022, , .		1
51	Contribution of acceleration by location tracking system to energy expenditure during Soccer -based intermittent exercise. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2018, 67, 411-421.	0.0	0
52	Relationship Between Angiotensin Converting Enzyme Gene I/D Polymorphism and Muscle Strength in Elderly. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S259.	0.2	0
53	Relationship between the exercise history from early childhood through adulthood and bone health determined using dual energy X-ray absorptiometry in young Japanese premenopausal females. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2014, 63, 305-312.	0.0	0
54	The Relationship Between Self-Estimation of Motor Performance and Evacuation Intention in Inhabitants of the 2018 Flood Disaster Area. <i>Ningen Kogaku = the Japanese Journal of Ergonomics</i> , 2019, 55, 254-257.	0.0	0

#	ARTICLE	IF	CITATIONS
55	Relationships between Recognition Error of Exercise Ability and Personality. Ningen Kogaku = the Japanese Journal of Ergonomics, 2020, 56, 2A4-02-2A4-02.	0.0	0