Hideaki Kumahara

List of Publications by Year
in descending order

39	975	623188	433756
papers	citations	14 h-index	31 g-index

40	40	40	1191
all docs	docs citations	times ranked	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. British Journal of Nutrition, 2004, 91, 235-243.	1.2	495
2	Lifestyle Intervention Involving Calorie Restriction with or without Aerobic Exercise Training Improves Liver Fat in Adults with Visceral Adiposity. Journal of Obesity, 2014, 2014, 1-8.	1.1	49
3	Daily physical activity assessment: what is the importance of upper limb movements vs whole body movements?. International Journal of Obesity, 2004, 28, 1105-1110.	1.6	48
4	Epoch length and the physical activity bout analysis: An accelerometry research issue. BMC Research Notes, 2013, 6, 20.	0.6	43
5	Aerobic Exercise Attenuates the Loss of Skeletal Muscle during Energy Restriction in Adults with Visceral Adiposity. Obesity Facts, 2014, 7, 26-35.	1.6	36
6	Self-monitoring Moderate-Vigorous Physical Activity Versus Steps/Day Is More Effective in Chronic Disease Exercise Programs. Journal of Cardiopulmonary Rehabilitation and Prevention, 2010, 30, 111-115.	1.2	22
7	Role of selected polymorphisms in determining muscle fiber composition in Japanese men and women. Journal of Applied Physiology, 2018, 124, 1377-1384.	1.2	22
8	Assessment of minute-by-minute stepping rate of physical activity under free-living conditions in female adults. Gait and Posture, 2011, 34, 292-294.	0.6	21
9	Accumulation of Short Bouts of Non-Exercise Daily Physical Activity is Associated with Lower Visceral Fat in Japanese Female Adults. International Journal of Sports Medicine, 2012, 34, 62-67.	0.8	21
10	Very short bouts of non-exercise physical activity associated with metabolic syndrome under free-living conditions in Japanese female adults. European Journal of Applied Physiology, 2012, 112, 3525-3532.	1.2	20
11	The Difference between the Basal Metabolic Rate and the Sleeping Metabolic Rate in Japanese. Journal of Nutritional Science and Vitaminology, 2004, 50, 441-445.	0.2	16
12	Minute-by-minute stepping rate of daily physical activity in normal and overweight/obese adults. Obesity Research and Clinical Practice, 2011, 5, e151-e156.	0.8	16
13	Are pedometers adequate instruments for assessing energy expenditure?. European Journal of Clinical Nutrition, 2009, 63, 1425-1432.	1.3	14
14	A 12-week aerobic exercise program without energy restriction improves intrahepatic fat, liver function and atherosclerosis-related factors. Obesity Research and Clinical Practice, 2011, 5, e249-e257.	0.8	14
15	Relationships between fat deposition in the liver and skeletal muscle and insulin sensitivity in Japanese individuals: a pilot study. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2011, 4, 35.	1.1	13
16	Comparison of 2 Accelerometers for Assessing Daily Energy Expenditure in Adults. Journal of Physical Activity and Health, 2004, 1, 270-280.	1.0	12
17	The Utilization of a Biopsy Needle to Obtain Small Muscle Tissue Specimens to Analyze the Gene and Protein Expression. Journal of Surgical Research, 2009, 154, 252-257.	0.8	12
18	Interruption in physical activity bout analysis: an accelerometry research issue. BMC Research Notes, 2014, 7, 284.	0.6	11

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19	Physical Activity Monitoring for Health Management: Practical Techniques and Methodological Issues. International Journal of Sport and Health Science, 2006, 4, 380-393.	0.0	10
20	DURATION AND FREQUENCY OF DAILY PHYSICAL ACTIVITY AND ACHIEVEMENT OF EXERCISE AND PHYSICAL ACTIVITY REFERENCE FOR HEALTH PROMOTION 2006. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 577-586.	0.0	10
21	Appendicular muscle mass and exercise/sports participation history in young Japanese women. Annals of Human Biology, 2019, 46, 335-339.	0.4	10
22	QUANTIFYING TIME SPENT IN MODERATE TO VIGOROUS INTENSITY PHYSICAL ACTIVITY VIA STEPPING RATE. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 453-462.	0.0	8
23	Validity of activity monitors worn at multiple nontraditional locations under controlled and free-living conditions in young adult women. Applied Physiology, Nutrition and Metabolism, 2015, 40, 448-456.	0.9	8
24	Physical activity under confinement and free-living conditions. Physiology and Behavior, 2010, 100, 350-356.	1.0	7
25	Inconspicuous assessment of diet-induced thermogenesis using whole-body indirect calorimetry. Applied Physiology, Nutrition and Metabolism, 2011, 36, 758-763.	0.9	5
26	Dietary Intake and Energy Expenditure During Two Different Phases of Athletic Training in Female Collegiate Lacrosse Players. Journal of Strength and Conditioning Research, 2020, 34, 1547-1554.	1.0	5
27	Effects of light-to-moderate intensity aerobic exercise on objectively measured sleep parameters among community-dwelling older people. Archives of Gerontology and Geriatrics, 2021, 94, 104336.	1.4	5
28	RELATIONSHIP BETWEEN DOUBLE PRODUCT BREAK POINT AND ST SEGMENT DEPRESSION ON ECG IN PATIENTS WITH ISCHEMIC HEART DISEASE PATIENTS AND ELDERLY PERSONS. Japanese Journal of Physical Fitness and Sports Medicine, 2003, 52, 177-184.	0.0	5
29	Age-related differences in daily physical activity divided by bout duration: Preliminary findings in female convenience samples. Journal of Sports Sciences, 2012, 30, 709-713.	1.0	3
30	Validity and Reliability of the Simple Assessment of the Time Spent in Moderate to Vigorous Intensity Physical Activity under the Controlled Conditions. Medicine and Science in Sports and Exercise, 2006, 38, S555.	0.2	3
31	Relationships between body fat accumulation, aerobic capacity and insulin resistance in Japanese participants. Obesity Research and Clinical Practice, 2011, 5, e143-e150.	0.8	2
32	Effects of Age and Body Mass Index on Accuracy of Simple Moderate Vigorous Physical Activity Monitor Under Controlled Condition. Anti-aging Medicine, 2011, 8, 41-47.	0.7	2
33	Limitations of cadence-based walking for assessing bouts of moderate-to vigorous-intensity physical activity under free-living conditions. Journal of Sports Sciences, 2013, 31, 1805-1814.	1.0	2
34	Individual variations in steps per day for meeting physical activity guidelines in young adult women. Applied Physiology, Nutrition and Metabolism, 2019, 44, 713-719.	0.9	2
35	Effect of handling breaks on estimation of heart rate responses to bouts of physical activity among young women: An accelerometer research issue. Gait and Posture, 2020, 81, 1-6.	0.6	2
36	Functional Age and Bouts of Physical Activity in Middle-Aged to Older Japanese Adults; Yurin-Study. Anti-aging Medicine, 2011, 8, 103-107.	0.7	1

#	Article	IF	Citations
37	Effects of Exercise Intervention on Habitual Physical Activity Above Lactate Threshold Under Free-living Conditions: A Randomized Controlled Trial. International Journal of Sports Medicine, 2015, 36, 1106-1111.	0.8	0
38	Effects of a physical activity support program based on bench-stepping exercise on physical fitness, mental health and health-related quality of life in Japanese returnees from China. Japanese Journal of Physical Fitness and Sports Medicine, 2015, 64, 173-182.	0.0	0
39	Association between various levels of training-related energy expenditure and dietary and nutrient intake in Japanese male collegiate rugby players. Japanese Journal of Physical Fitness and Sports Medicine, 2019, 68, 71-82.	0.0	0