

# Shigeho Tanaka

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

2,062  
citations

394421

19  
h-index

243625

44  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2225  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Earlier First Meal Timing Associates with Weight Loss Effectiveness in A 12-Week Weight Loss Support Program. <i>Nutrients</i> , 2022, 14, 249.	4.1	4
2	Comparison of daily step counts by pedometers under free-living conditions in young children. <i>Japan Journal of Human Growth and Development Research</i> , 2022, 2022, 12-21.	0.1	0
3	Possible association of high-density lipoprotein cholesterol levels with trunk muscle deficits and decrease in energy expenditure in patients with or at risk for COPD: A pilot study. <i>Respiratory Investigation</i> , 2022, 60, 720-724.	1.8	3
4	Estimating model of sedentary behavior with tri-axial accelerometer in elementary school children. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2021, 10, 119-126.	0.3	3
5	Total energy expenditure among children with motor, intellectual, visual, and hearing disabilities: a doubly labeled water method. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 1607-1617.	2.9	4
6	Compliance with a physical activity guideline among junior high school students. <i>Pediatrics International</i> , 2021, 63, 1514-1520.	0.5	1
7	Impact of walking aids on estimating physical activity using a tri-axial accelerometer in frail older adults. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001014.	2.9	2
8	Evaluation of energy intake by brief-type self-administered diet history questionnaire among male patients with stable/at risk for chronic obstructive pulmonary disease. <i>BMJ Open Respiratory Research</i> , 2021, 8, e000807.	3.0	1
9	Association of Neighborhood Food Environment and Physical Activity Environment With Obesity: A Large-Scale Cross-Sectional Study of Fifth- to Ninth-Grade Children in Japan. <i>Inquiry (United States)</i> , 2021, 58, 004695802110556.	0.9	5
10	The Relationship between Changes in Organ-Tissue Mass and Sleeping Energy Expenditure Following Weight Change in College Sumo Wrestlers. <i>Medicina (Lithuania)</i> , 2020, 56, 536.	2.0	1
11	Association between 24-hour movement guidelines and physical fitness in children. <i>Pediatrics International</i> , 2020, 62, 1381-1387.	0.5	13
12	Proportion of Japanese primary school children meeting recommendations for 24-h movement guidelines and associations with weight status. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 234-240.	1.8	13
13	Validity of the Use of a Triaxial Accelerometer and a Physical Activity Questionnaire for Estimating Total Energy Expenditure and Physical Activity Level among Elderly Patients with Type 2 Diabetes Mellitus: CLEVER-DM Study. <i>Annals of Nutrition and Metabolism</i> , 2020, 76, 62-72.	1.9	10
14	<i>The Japanese Journal of Nutrition and Dietetics</i> Special Issue on 100 years™ History and Perspective of National Institute of Health and Nutrition, Japan. <i>The Japanese Journal of Nutrition and Dietetics</i> , 2020, 78, S2-S4.	0.1	0
15	History of Studies on Energy Requirements and Anthropometry in Japanese at the National Institute of Health and Nutrition. <i>The Japanese Journal of Nutrition and Dietetics</i> , 2020, 78, S71-S79.	0.1	0
16	A novel method for measuring diet-induced thermogenesis in mice. <i>MethodsX</i> , 2019, 6, 1950-1956.	1.6	4
17	Status of physical activity in Japanese adults and children. <i>Annals of Human Biology</i> , 2019, 46, 305-310.	1.0	12
18	Association of Day-to-Day Variations in Physical Activity with Postprandial Appetite Regulation in Lean Young Males. <i>Nutrients</i> , 2019, 11, 2267.	4.1	1

#	ARTICLE	IF	CITATIONS
19	Prediction of Physical Activity Intensity with Accelerometry in Young Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 931.	2.6	9
20	Results from the Japan's 2018 report card on physical activity for children and youth. <i>Journal of Exercise Science and Fitness</i> , 2019, 17, 20-25.	2.2	25
21	The relationship between organ-tissue body composition and resting energy expenditure in prepubertal children. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1149-1154.	2.9	3
22	Accuracy of 12 Wearable Devices for Estimating Physical Activity Energy Expenditure Using a Metabolic Chamber and the Doubly Labeled Water Method: Validation Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e13938.	3.7	60
23	Validation of Dietary Reference Intakes for predicting energy requirements in elementary school-age children. <i>Nutrition Research and Practice</i> , 2018, 12, 336.	1.9	8
24	Associations of Physical Activity and Sedentary Time in Primary School Children with Their Parental Behaviors and Supports. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1995.	2.6	14
25	Association between age at onset of independent walking and objectively measured sedentary behavior is mediated by moderate-to-vigorous physical activity in primary school children. <i>PLoS ONE</i> , 2018, 13, e0204030.	2.5	8
26	Determinants and prediction methods of total energy expenditure “ efforts at National Institute of Health and Nutrition in Japan “. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2018, 67, 373-379.	0.0	0
27	Changes in Weight, Sedentary Behaviour and Physical Activity during the School Year and Summer Vacation. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 915.	2.6	15
28	Simultaneous Validation of Seven Physical Activity Questionnaires Used in Japanese Cohorts for Estimating Energy Expenditure: A Doubly Labeled Water Study. <i>Journal of Epidemiology</i> , 2018, 28, 437-442.	2.4	22
29	Objectively evaluated physical activity and sedentary time in primary school children by gender, grade and types of physical education lessons. <i>BMC Public Health</i> , 2018, 18, 948.	2.9	38
30	Variability in school children's activity occurs in the recess and before school periods. <i>Pediatrics International</i> , 2018, 60, 727-734.	0.5	8
31	Effect of diurnal variations in the carbohydrate and fat composition of meals on postprandial glycemic response in healthy adults: a novel insight for the second-meal phenomenon. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 332-342.	4.7	15
32	Association between objectively evaluated physical activity and sedentary behavior and screen time in primary school children. <i>BMC Research Notes</i> , 2017, 10, 175.	1.4	20
33	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. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 809.	2.6	107
34	Is There a Chronic Elevation in Organ-Tissue Sleeping Metabolic Rate in Very Fit Runners?. <i>Nutrients</i> , 2016, 8, 196.	4.1	6
35	Results From Japan’s 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016, 13, S189-S194.	2.0	21
36	Seasonal changes in objectively measured sedentary behavior and physical activity in Japanese primary school children. <i>BMC Public Health</i> , 2016, 16, 969.	2.9	33

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37	Pedometer-determined physical activity among youth in the Tokyo Metropolitan area: a cross-sectional study. BMC Public Health, 2016, 16, 1104.	2.9	15
38	Accuracy of Wearable Devices for Estimating Total Energy Expenditure. JAMA Internal Medicine, 2016, 176, 702.	5.1	159
39	A novel approach to calculating the thermic effect of food in a metabolic chamber. Physiological Reports, 2016, 4, e12717.	1.7	7
40	Association between daily step counts and physical activity level among Korean elementary schoolchildren. Journal of Exercise Nutrition & Biochemistry, 2016, 20, 51-55.	1.3	6
41	Validity and reproducibility of a novel method for time-course evaluation of diet-induced thermogenesis in a respiratory chamber. Physiological Reports, 2015, 3, e12410.	1.7	10
42	Prediction Models Discriminating between Nonlocomotive and Locomotive Activities in Children Using a Triaxial Accelerometer with a Gravity-removal Physical Activity Classification Algorithm. PLoS ONE, 2014, 9, e94940.	2.5	49
43	Locomotive and non-locomotive activities evaluated with a triaxial accelerometer in adults and elderly individuals. Aging Clinical and Experimental Research, 2013, 25, 637-643.	2.9	24
44	Effects of Intermittent Physical Activity on Fat Utilization over a Whole Day. Medicine and Science in Sports and Exercise, 2013, 45, 1410-1418.	0.4	14
45	Validation and Comparison of 3 Accelerometers for Measuring Physical Activity Intensity During Nonlocomotive Activities and Locomotive Movements. Journal of Physical Activity and Health, 2012, 9, 935-943.	2.0	38
46	Dietary Reference Intakes for Japanese 2010: Energy. Journal of Nutritional Science and Vitaminology, 2012, 59, S26-S35.	0.6	17
47	Use of Doubly Labeled Water to Validate a Physical Activity Questionnaire Developed for the Japanese Population. Journal of Epidemiology, 2011, 21, 114-121.	2.4	52
48	Estimation of daily inhalation rate in preschool children using a tri-axial accelerometer: A pilot study. Science of the Total Environment, 2011, 409, 3073-3077.	8.0	22
49	How many steps/day are enough? for children and adolescents. International Journal of Behavioral Nutrition and Physical Activity, 2011, 8, 78.	4.6	359
50	Real-time estimation of daily physical activity intensity by a triaxial accelerometer and a gravity-removal classification algorithm. British Journal of Nutrition, 2011, 105, 1681-1691.	2.3	326
51	Validity of Physical Activity Indices for Adjusting Energy Expenditure for Body Size: Do the Indices Depend on Body Size?. Journal of Physiological Anthropology, 2010, 29, 109-117.	2.6	10
52	Classifying household and locomotive activities using a triaxial accelerometer. Gait and Posture, 2010, 31, 370-374.	1.4	274
53	Daily Physical Activity in Japanese Preschool Children Evaluated by Triaxial Accelerometry: The Relationship between Period of Engagement in Moderate-to-Vigorous Physical Activity and Daily Step Counts. Journal of Physiological Anthropology, 2009, 28, 283-288.	2.6	43
54	Triaxial Accelerometry for Assessment of Physical Activity in Young Children*. Obesity, 2007, 15, 1233-1241.	3.0	66

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55	Evaluation of Low-Intensity Physical Activity by Triaxial Accelerometry. <i>Obesity</i> , 2007, 15, 3031-3038.	3.0	49
56	Activity Diary Method for Predicting Energy Expenditure as Evaluated by a Whole-Body Indirect Human Calorimeter. <i>Journal of Nutritional Science and Vitaminology</i> , 2003, 49, 262-269.	0.6	22
57	Measurement of Energy Expenditure by Whole-body Indirect Human Calorimeter-Evaluation of Validity and Error Factors-. <i>Nihon Eiyō-Shokuryō-Gakkai Shi = Nippon Eiyō-Shokuryō-Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2003, 56, 229-236.	0.2	10