

AleÅ; GÃ;ba

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,373
citations

394286

19
h-index

360920

35
g-index

49
all docs

49
docs citations

49
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries. <i>Journal of Physical Activity and Health</i> , 2018, 15, S251-S273.	1.0	511
2	Report Card Grades on the Physical Activity of Children and Youth Comparing 30 Very High Human Development Index Countries. <i>Journal of Physical Activity and Health</i> , 2018, 15, S298-S314.	1.0	65
3	Comparison of multi- and single-frequency bioelectrical impedance analysis with dual-energy X-ray absorptiometry for assessment of body composition in postmenopausal women: effects of body mass index and accelerometer-determined physical activity. <i>Journal of Human Nutrition and Dietetics</i> , 2015, 28, 390-400.	1.3	62
4	Age-related changes in body composition in a sample of Czech women aged 18-89 years: a cross-sectional study. <i>European Journal of Nutrition</i> , 2014, 53, 167-176.	1.8	41
5	Change in Performance in Response to Training Load Adjustment Based on Autonomic Activity. <i>International Journal of Sports Medicine</i> , 2014, 35, 482-488.	0.8	36
6	The relationship between accelerometer-determined physical activity (PA) and body composition and bone mineral density (BMD) in postmenopausal women. <i>Archives of Gerontology and Geriatrics</i> , 2012, 54, e315-e321.	1.4	34
7	Is BMI a Valid Indicator of Overweight and Obesity for Adolescents?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4815.	1.2	33
8	Heart rate variability and arterial oxygen saturation response during extreme normobaric hypoxia. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 190, 40-45.	1.4	32
9	Variability of centre of pressure movement during gait in young and middle-aged women. <i>Gait and Posture</i> , 2014, 40, 399-402.	0.6	30
10	Are longitudinal reallocations of time between movement behaviours associated with adiposity among elderly women? A compositional isotemporal substitution analysis. <i>International Journal of Obesity</i> , 2020, 44, 857-864.	1.6	29
11	Sedentary behavior patterns and adiposity in children: a study based on compositional data analysis. <i>BMC Pediatrics</i> , 2020, 20, 147.	0.7	28
12	Association between physical activity (PA) guidelines and body composition variables in middle-aged and older women. <i>Archives of Gerontology and Geriatrics</i> , 2012, 55, e14-e20.	1.4	27
13	Robust Compositional Analysis of Physical Activity and Sedentary Behaviour Data. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2248.	1.2	26
14	Changes in sedentary behavior patterns during the transition from childhood to adolescence and their association with adiposity: a prospective study based on compositional data analysis. <i>Archives of Public Health</i> , 2022, 80, 1.	1.0	25
15	Changes in Active Commuting to School in Czech Adolescents in Different Types of Built Environment across a 10-Year Period. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 12988-12998.	1.2	24
16	Is adherence to the 24-hour movement guidelines associated with a reduced risk of adiposity among children and adolescents?. <i>BMC Public Health</i> , 2020, 20, 1119.	1.2	24
17	Does physical activity lower the risk for metabolic syndrome: a longitudinal study of physically active older women. <i>BMC Geriatrics</i> , 2021, 21, 11.	1.1	23
18	Physical activity, body composition and general health status of physically active students of the University of the Third Age (U3A). <i>Archives of Gerontology and Geriatrics</i> , 2016, 64, 66-74.	1.4	22

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19	Results from the Czech Republic's 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018, 15, S338-S340.	1.0	22
20	How do short sleepers use extra waking hours? A compositional analysis of 24-h time-use patterns among children and adolescents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 104.	2.0	22
21	Reallocating Time from Sedentary Behavior to Light and Moderate-to-Vigorous Physical Activity: What Has a Stronger Association with Adiposity in Older Adult Women?. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1444.	1.2	21
22	Prevalence and correlates of adherence to the combined movement guidelines among Czech children and adolescents. <i>BMC Public Health</i> , 2020, 20, 1692.	1.2	21
23	The effect of brisk walking on postural stability, bone mineral density, body weight and composition in women over 50 years with a sedentary occupation: a randomized controlled trial. <i>BMC Women's Health</i> , 2016, 16, 63.	0.8	20
24	Associations between accelerometer-measured physical activity and body fatness in school-aged children. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 43.	1.4	20
25	Validity of Garmin Vívofit and Polar Loop for measuring daily step counts in free-living conditions in adults. <i>Acta Gymnica</i> , 2016, 46, 129-135.	1.1	19
26	Diagnostic performance of body mass index to identify adiposity in women. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 898-903.	1.3	16
27	Replacing school and out-of-school sedentary behaviors with physical activity and its associations with adiposity in children and adolescents: a compositional isotemporal substitution analysis. <i>Environmental Health and Preventive Medicine</i> , 2021, 26, 16.	1.4	16
28	Effect of Accelerometer Cut-Off Points on the Recommended Level of Physical Activity for Obesity Prevention in Children. <i>PLoS ONE</i> , 2016, 11, e0164282.	1.1	15
29	Vagal Threshold Determination. Effect of Age and Gender. <i>International Journal of Sports Medicine</i> , 2010, 31, 768-772.	0.8	14
30	Postmenopausal obesity: 12,500 steps per day as a remedy? Relationships between body composition and daily steps in postmenopausal women. <i>Przegląd Menopauzalny</i> , 2014, 4, 227-232.	0.6	13
31	Relationships between bone mineral density, body composition, and isokinetic strength in postmenopausal women. <i>Bone Reports</i> , 2020, 12, 100255.	0.2	12
32	Prospective study on sedentary behaviour patterns and changes in body composition parameters in older women: A compositional and isotemporal substitution analysis. <i>Clinical Nutrition</i> , 2021, 40, 2301-2307.	2.3	10
33	Compositional splines for representation of density functions. <i>Computational Statistics</i> , 2021, 36, 1031-1064.	0.8	10
34	Executive summary of the Czech Republic's 2018 Report Card on Physical Activity for Children and Youth. <i>Acta Gymnica</i> , 2019, 49, 92-102.	1.1	10
35	Relationship between body composition and bone mineral density of the lumbar spine and proximal femur: influence of years since menopause. <i>Modern Rheumatology</i> , 2014, 24, 505-510.	0.9	7
36	Adiposity and changes in movement-related behaviors in older adult women in the context of the built environment: a protocol for a prospective cohort study. <i>BMC Public Health</i> , 2019, 19, 1522.	1.2	6

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37	Surveillance of physical activity and sedentary behaviour in czech children and adolescents: a scoping review of the literature from the past two decades. BMC Public Health, 2022, 22, 363.	1.2	6
38	Reallocating Time From Sedentary Behavior to Physical Activity in Patients With Peripheral Artery Disease: Analyzing the Effects on Walking Capacity Using Compositional Data Analysis. Journal of Physical Activity and Health, 2021, 18, 426-432.	1.0	5
39	Response to Letter to the Editor from Dr. Safer et al. regarding the article "Age-related changes in body composition in a sample of Czech women aged 18-89 years: a cross-sectional study," published in European Journal of Nutrition. European Journal of Nutrition, 2013, 52, 1545-1545.	1.8	4
40	Associations of novel 24-h accelerometer-derived metrics with adiposity in children and adolescents. Environmental Health and Preventive Medicine, 2021, 26, 66.	1.4	3
41	Bone mineral density and accelerometer-determined habitual physical activity and inactivity in postmenopausal women. Acta Gymnica, 2011, 41, 47-53.	1.1	3
42	The impact of obesity on foot morphology in women aged 48 years or older. Acta Gymnica, 2015, 45, 69-75.	1.1	2
43	Effect of aerobics on weight and fat mass loss in adult women: Systematic review and meta-analysis. Acta Gymnica, 2019, 49, 144-152.	1.1	1
44	Association between selected parental characteristics and overweight and obesity of children. TÅlesnÅi Kultura, 2020, 42, 55-61.	0.2	0