

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	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. Archives of Public Health, 2022, 80, 1.	1.0	25
2	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
3	Prospective study on sedentary behaviour patterns and changes in body composition parameters in older women: A compositional and isotemporal substitution analysis. Clinical Nutrition, 2021, 40, 2301-2307.	2.3	10
4	Compositional splines for representation of density functions. Computational Statistics, 2021, 36, 1031-1064.	0.8	10
5	Does physical activity lower the risk for metabolic syndrome: a longitudinal study of physically active older women. BMC Geriatrics, 2021, 21, 11.	1.1	23
6	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. Environmental Health and Preventive Medicine, 2021, 26, 16.	1.4	16
7	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
8	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
9	Is adherence to the 24-hour movement guidelines associated with a reduced risk of adiposity among children and adolescents?. BMC Public Health, 2020, 20, 1119.	1.2	24
10	Prevalence and correlates of adherence to the combined movement guidelines among Czech children and adolescents. BMC Public Health, 2020, 20, 1692.	1.2	21
11	How do short sleepers use extra waking hours? A compositional analysis of 24-h time-use patterns among children and adolescents. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 104.	2.0	22
12	Relationships between bone mineral density, body composition, and isokinetic strength in postmenopausal women. Bone Reports, 2020, 12, 100255.	0.2	12
13	Is BMI a Valid Indicator of Overweight and Obesity for Adolescents?. International Journal of Environmental Research and Public Health, 2020, 17, 4815.	1.2	33
14	Are longitudinal reallocations of time between movement behaviours associated with adiposity among elderly women? A compositional isotemporal substitution analysis. International Journal of Obesity, 2020, 44, 857-864.	1.6	29
15	Sedentary behavior patterns and adiposity in children: a study based on compositional data analysis. BMC Pediatrics, 2020, 20, 147.	0.7	28
16	Association between selected parental characteristics and overweight and obesity of children. TÄlesnÄ; Kultura, 2020, 42, 55-61.	0.2	0
17	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. BMC Public Health, 2019, 19, 1522.	1.2	6
18	Executive summary of the Czech Republic's 2018 Report Card on Physical Activity for Children and Youth. Acta Gymnica, 2019, 49, 92-102.	1.1	10

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19	Effect of aerobics on weight and fat mass loss in adult women: Systematic review and meta-analysis. <i>Acta Gymnica</i> , 2019, 49, 144-152.	1.1	1
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	The impact of obesity on foot morphology in women aged 48 years or older. <i>Acta Gymnica</i> , 2015, 45, 69-75.	1.1	2
35	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
36	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

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37	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
38	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
39	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
40	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 <i>European Journal of Nutrition</i> . <i>European Journal of Nutrition</i> , 2013, 52, 1545-1545.	1.8	4
41	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
42	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
43	Bone mineral density and accelerometer-determined habitual physical activity and inactivity in postmenopausal women. <i>Acta Gymnica</i> , 2011, 41, 47-53.	1.1	3
44	Vagal Threshold Determination. Effect of Age and Gender. <i>International Journal of Sports Medicine</i> , 2010, 31, 768-772.	0.8	14