

Jan Dygryn

List of Publications by Year in descending order

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papers

738
citations

566801

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docs citations

34
times ranked

918
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	Using open data and open-source software to develop spatial indicators of urban design and transport features for achieving healthy and sustainable cities. The Lancet Global Health, 2022, 10, e907-e918.	2.9	60
3	City planning policies to support health and sustainability: an international comparison of policy indicators for 25 cities. The Lancet Global Health, 2022, 10, e882-e894.	2.9	55
4	Determining thresholds for spatial urban design and transport features that support walking to create healthy and sustainable cities: findings from the IPEN Adult study. The Lancet Global Health, 2022, 10, e895-e906.	2.9	42
5	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
6	Adaptation and validation of the Physical Activity Questionnaire for Older Children (PAQ-C) among Czech children. PLoS ONE, 2021, 16, e0245256.	1.1	10
7	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
8	International Physical Activity and Built Environment Study of adolescents: IPEN Adolescent design, protocol and measures. BMJ Open, 2021, 11, e046636.	0.8	24
9	Smart Watch Versus Classic Receivers: Static Validity of Three GPS Devices in Different Types of Built Environments. Sensors, 2021, 21, 7232.	2.1	5
10	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
11	Prevalence and correlates of adherence to the combined movement guidelines among Czech children and adolescents. BMC Public Health, 2020, 20, 1692.	1.2	21
12	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
13	Active Travel of Czech and Polish Adolescents in Relation to Their Well-Being: Support for Physical Activity and Health. International Journal of Environmental Research and Public Health, 2020, 17, 2001.	1.2	16
14	Sedentary behavior patterns and adiposity in children: a study based on compositional data analysis. BMC Pediatrics, 2020, 20, 147.	0.7	28
15	Validity of the original algorithm for assessing physical activity and sedentary behavior from the Youth Activity Profile in Czech children and adolescents. TĀlesnĀj Kultura, 2020, 42, 62-69.	0.2	5
16	Association between selected parental characteristics and overweight and obesity of children. TĀlesnĀj Kultura, 2020, 42, 55-61.	0.2	0
17	Validity of Garmin VĀvofit 1 and Garmin VĀvofit 3 for School-Based Physical Activity Monitoring. Pediatric Exercise Science, 2019, 31, 130-136.	0.5	18
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

#	ARTICLE	IF	CITATIONS
19	The comparison of Holux and Qstarz GPS receivers in free living conditions: Dynamic accuracy in different active transport modes. <i>Acta Gymnica</i> , 2019, 49, 109-114.	1.1	2
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	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
22	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
23	Multifactorial research on built environment, active lifestyle and physical fitness in Czech adolescents: Design and methods of the study. <i>Tělesná Kultura</i> , 2018, 41, 17-24.	0.2	5
24	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
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	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
27	Active commuting of the inhabitants of Liberec city in low and high walkability areas. <i>Acta Gymnica</i> , 2015, 45, 195-202.	1.1	4
28	International variation in neighborhood walkability, transit, and recreation environments using geographic information systems: the IPEN adult study. <i>International Journal of Health Geographics</i> , 2014, 13, 43.	1.2	176
29	Influence of education and socio-economic status on physical activity of adult residents of regions Eastern Bohemia and Vysocina between 2005-2009. <i>Tělesná Kultura</i> , 2011, 34, 119-131.	0.2	2
30	Factors that influence pa of adult inhabitants in the Olomouc region. <i>Tělesná Kultura</i> , 2011, 34, 38-48.	0.2	4
31	Characteristics of physical activity in inhabitants of the Pilsner region during years 2005-2009. <i>Tělesná Kultura</i> , 2011, 34, 76-93.	0.2	1
32	The Influence of Built Environment on Walkability Using Geographic Information System. <i>Journal of Human Kinetics</i> , 2010, 24, 93-99.	0.7	20
33	The built environment in physical activity research in Olomouc using geographic information system. <i>Tělesná Kultura</i> , 2009, 32, 100-109.	0.2	2