Jan Dygryn

List of Publications by Year in descending order

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33 papers	738 citations	566801 15 h-index	552369 26 g-index
34 all docs	34 docs citations	34 times ranked	918 citing authors

#	Article	IF	Citations
1	International variation in neighborhood walkability, transit, and recreation environments using geographic information systems: the IPEN adult study. International Journal of Health Geographics, 2014, 13, 43.	1.2	176
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	Sedentary behavior patterns and adiposity in children: a study based on compositional data analysis. BMC Pediatrics, 2020, 20, 147.	0.7	28
6	Robust Compositional Analysis of Physical Activity and Sedentary Behaviour Data. International Journal of Environmental Research and Public Health, 2018, 15, 2248.	1.2	26
7	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
8	Changes in Active Commuting to School in Czech Adolescents in Different Types of Built Environment across a 10-Year Period. International Journal of Environmental Research and Public Health, 2015, 12, 12988-12998.	1.2	24
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	International Physical Activity and Built Environment Study of adolescents: IPEN Adolescent design, protocol and measures. BMJ Open, 2021, 11, e046636.	0.8	24
11	Results from the Czech Republicâ€™s 2018 Report Card on Physical Activity for Children and Youth. Journal of Physical Activity and Health, 2018, 15, S338-S340.	1.0	22
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	Reallocating Time from Sedentary Behavior to Light and Moderate-to-Vigorous Physical Activity: What Has a Stronger Association with Adiposity in Older Adult Women?. International Journal of Environmental Research and Public Health, 2018, 15, 1444.	1.2	21
14	Prevalence and correlates of adherence to the combined movement guidelines among Czech children and adolescents. BMC Public Health, 2020, 20, 1692.	1.2	21
15	The Influence of Built Environment on Walkability Using Geographic Information System. Journal of Human Kinetics, 2010, 24, 93-99.	0.7	20
16	Validity of Garmin VÃvofit and Polar Loop for measuring daily step counts in free-living conditions in adults. Acta Gymnica, 2016, 46, 129-135.	1.1	19
17	Validity of Garmin VÃvofit 1 and Garmin VÃvofit 3 for School-Based Physical Activity Monitoring. Pediatric Exercise Science, 2019, 31, 130-136.	0.5	18
18	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

#	Article	IF	Citations
19	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
20	Effect of Accelerometer Cut-Off Points on the Recommended Level of Physical Activity for Obesity Prevention in Children. PLoS ONE, 2016, 11, e0164282.	1.1	15
21	Adaptation and validation of the Physical Activity Questionnaire for Older Children (PAQ-C) among Czech children. PLoS ONE, 2021, 16, e0245256.	1.1	10
22	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
23	Multifactorial research on built environment, active lifestyle and physical fitness in Czech adolescents: Design and methods of the study. TÄ›lesnÃ¡ Kultura, 2018, 41, 17-24.	0.2	5
24	Validity of the original algorithm for assessing physical activity and sedentary behavior from the Youth Activity Profile in Czech children and adolescents. TÄ›lesnÃ¡ Kultura, 2020, 42, 62-69.	0.2	5
25	Smart Watch Versus Classic Receivers: Static Validity of Three GPS Devices in Different Types of Built Environments. Sensors, 2021, 21, 7232.	2.1	5
26	Active commuting of the inhabitants of Liberec city in low and high walkability areas. Acta Gymnica, 2015, 45, 195-202.	1.1	4
27	Factors that influence pa of adult inhabitants in the Olomouc region. TÄ›lesnÃ¡ Kultura, 2011, 34, 38-48.	0.2	4
28	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
29	The bulit environment in physical activity research in Olomouc using geographic information system. TÄ›lesnÃ¡ Kultura, 2009, 32, 100-109.	0.2	2
30	Influence of education and socio-economic status on physical activity of adult residents of regions Eastern Bohemia and Vysocina between 2005-2009. TÄ›lesnÃ¡ Kultura, 2011, 34, 119-131.	0.2	2
31	The comparison of Holux and Qstarz GPS receivers in free living conditions: Dynamic accuracy in different active transport modes. Acta Gymnica, 2019, 49, 109-114.	1.1	2
32	Characteristics of physical activity in inhabitants of the Pilsner region during years 2005-2009. TÄ›lesnÃ¡ Kultura, 2011, 34, 76-93.	0.2	1
33	Association between selected parental characteristics and overweight and obesity of children. TÄ›lesnÃ¡ Kultura, 2020, 42, 55-61.	0.2	0