

Christoph Buck

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

950
citations

17
h-index

30
g-index

49
ext. papers

1,243
ext. citations

4.7
avg, IF

3.91
L-index

#	Paper	IF	Citations
45	Web-Based Versus Print-Based Physical Activity Intervention for Community-Dwelling Older Adults: Crossover Randomized Trial.. <i>JMIR MHealth and UHealth</i> , 2022 , 10, e32212	5.5	1
44	Media use trajectories and risk of metabolic syndrome in European children and adolescents: the IDEFICS/I.Family cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 134	8.4	1
43	Improving cardiorespiratory fitness protects against inflammation in children: the IDEFICS study. <i>Pediatric Research</i> , 2021 ,	3.2	2
42	Prospective physical fitness status and development of cardiometabolic risk in children according to body fat and lifestyle behaviours: The IDEFICS study. <i>Pediatric Obesity</i> , 2021 , 16, e12819	4.6	1
41	The association between leptin and inflammatory markers with obesity indices in Zanzibari children, adolescents, and adults. <i>Obesity Science and Practice</i> , 2021 , 7, 71-81	2.6	1
40	"Tell Me How Much Your Friends Consume"-Personal, Behavioral, Social, and Attitudinal Factors Associated with Alcohol and Cannabis Use among European School Students. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
39	Engagement in Health Risk Behaviours before and during the COVID-19 Pandemic in German University Students: Results of a Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	25
38	High-intensity activity is more strongly associated with metabolic health in children compared to sedentary time: a cross-sectional study of the I.Family cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 90	8.4	4
37	Cross-sectional associations between objectively measured sleep characteristics and body mass index in European children and adolescents. <i>Sleep Medicine</i> , 2021 , 84, 32-39	4.6	1
36	Trajectories of objectively measured physical activity and childhood overweight: longitudinal analysis of the IDEFICS/I.Family cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 103	8.4	3
35	Association of Individual Motor Abilities and Accelerometer-Derived Physical Activity Measures in Preschool-Aged Children. <i>Journal for the Measurement of Physical Behaviour</i> , 2021 , 4, 227-235	2.3	0
34	Built Environment and Childhood Weight Status: A Multi-Level Study Using Population-Based Data in the City of Hannover, Germany. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
33	Impact of "JolinchenKids-Fit and Healthy in Daycare" on Children's Objectively Measured Physical Activity: A Cluster-Controlled Study. <i>Journal of Physical Activity and Health</i> , 2020 , 17, 1025-1033	2.5	0
32	Effects of Installing Height-Adjustable Standing Desks on Daily and Domain-Specific Duration of Standing, Sitting, and Stepping in 3rd Grade Primary School Children. <i>Frontiers in Public Health</i> , 2020 , 8, 396	6	2
31	Factors influencing sedentary behaviour: A system based analysis using Bayesian networks within DEDIPAC. <i>PLoS ONE</i> , 2019 , 14, e0211546	3.7	17
30	Exploring Food Access and Sociodemographic Correlates of Food Consumption and Food Insecurity in Zanzibari Households. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	3
29	Effects of Frequency Filtering on Intensity and Noise in Accelerometer-Based Physical Activity Measurements. <i>Sensors</i> , 2019 , 19,	3.8	22

28	Association of Infant Feeding Patterns with Taste Preferences in European Children and Adolescents: A Retrospective Latent Profile Analysis. <i>Nutrients</i> , 2019 , 11,	6.7	4
27	Do Poorer Children Have Poorer Playgrounds? A Geographically Weighted Analysis of Attractiveness, Cleanliness, and Safety of Playgrounds in Affluent and Deprived Urban Neighborhoods. <i>Journal of Physical Activity and Health</i> , 2019 , 16, 397-405	2.5	4
26	Biological determinants of physical activity across the life course: a "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella systematic literature review. <i>Sports Medicine - Open</i> , 2019 , 5, 2	6.1	20
25	Reexamination of Accelerometer Calibration with Energy Expenditure as Criterion: VO Instead of MET for Age-Equivalent Physical Activity Intensity. <i>Sensors</i> , 2019 , 19,	3.8	11
24	Effects of two web-based interventions promoting physical activity among older adults compared to a delayed intervention control group in Northwestern Germany: Results of the PROMOTE community-based intervention trial. <i>Preventive Medicine Reports</i> , 2019 , 15, 100958	2.6	18
23	Association between cardiometabolic risk factors and body mass index, waist circumferences and body fat in a Zanzibari cross-sectional study. <i>BMJ Open</i> , 2019 , 9, e025397	3	9
22	Randomised controlled trial to evaluate the influence of mHealth and eHealth skin cancer prevention education among young organ transplant recipients: the HIPPOLino intervention study. <i>BMJ Open</i> , 2019 , 9, e028842	3	2
21	Impact of the intervention program "JolinchenKids - fit and healthy in daycare" on energy balance related-behaviors: results of a cluster controlled trial. <i>BMC Pediatrics</i> , 2019 , 19, 432	2.6	4
20	Urban Moveability and physical activity in children: longitudinal results from the IDEFICS and I.Family cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019 , 16, 128	8.4	12
19	Anthropometric and Biochemical Predictors for Hypertension in a Cross-Sectional Study in Zanzibar, Tanzania. <i>Frontiers in Public Health</i> , 2019 , 7, 338	6	2
18	Sports Contribute to Total Moderate to Vigorous Physical Activity in School Children. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1653-1661	1.2	12
17	Policy determinants of physical activity across the life course: a DEDIPAC umbrella systematic literature review. <i>European Journal of Public Health</i> , 2018 , 28, 105-118	2.1	17
16	Socio-economic determinants of physical activity across the life course: A "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella literature review. <i>PLoS ONE</i> , 2018 , 13, e0190737	3.7	117
15	Data on Determinants Are Needed to Curb the Sedentary Epidemic in Europe. Lessons Learnt from the DEDIPAC European Knowledge Hub. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
14	Behavioral determinants of physical activity across the life course: a "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella systematic literature review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 58	8.4	69
13	Psychological determinants of physical activity across the life course: A "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella systematic literature review. <i>PLoS ONE</i> , 2017 , 12, e0182709	3.7	57
12	Socio-cultural determinants of physical activity across the life course: a Determinants of Diet and Physical Activity (DEDIPAC) umbrella systematic literature review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 173	8.4	41
11	A life course examination of the physical environmental determinants of physical activity behaviour: A "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella systematic literature review. <i>PLoS ONE</i> , 2017 , 12, e0182083	3.7	58

10	The SOS-framework (Systems of Sedentary behaviours): an international transdisciplinary consensus framework for the study of determinants, research priorities and policy on sedentary behaviour across the life course: a DEDIPAC-study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 83	8.4	83
9	Objective measures of the built environment and physical activity in children: from walkability to moveability. <i>Journal of Urban Health</i> , 2015 , 92, 24-38	5.8	47
8	Impact of physical activity, sedentary behaviour and muscle strength on bone stiffness in 2-10-year-old children-cross-sectional results from the IDEFICS study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 112	8.4	36
7	Systematic literature review of determinants of sedentary behaviour in older adults: a DEDIPAC study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 127	8.4	121
6	Assessing opportunities for physical activity in the built environment of children: interrelation between kernel density and neighborhood scale. <i>International Journal of Health Geographics</i> , 2015 , 14, 35	3.5	10
5	Anonymisation of address coordinates for microlevel analyses of the built environment: a simulation study. <i>BMJ Open</i> , 2015 , 5, e006481	3	7
4	Material, psychosocial and sociodemographic determinants are associated with positive mental health in Europe: a cross-sectional study. <i>BMJ Open</i> , 2014 , 4, e005095	3	26
3	Clustering of unhealthy food around German schools and its influence on dietary behavior in school children: a pilot study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 65	8.4	23
2	Evaluation of an intervention using a self-regulatory counselling aid: pre- and post- intervention results of the OPTIM AHL 60plus study. <i>International Journal of Public Health</i> , 2013 , 58, 449-58	4	4
1	Development and application of a moveability index to quantify possibilities for physical activity in the built environment of children. <i>Health and Place</i> , 2011 , 17, 1191-201	4.6	36