

# JÃ©rÃ©my Vanhelst

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2667638/publications.pdf>

Version: 2024-02-01

65  
papers

1,323  
citations

331670

21  
h-index

395702

33  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of two ActiGraph accelerometer generations in the assessment of physical activity in free living conditions. BMC Research Notes, 2012, 5, 187.	1.4	92
2	Physical activity using wrist-worn accelerometers: comparison of dominant and non-dominant wrist. Clinical Physiology and Functional Imaging, 2017, 37, 525-529.	1.2	80
3	Physical Activity Is Associated with Attention Capacity in Adolescents. Journal of Pediatrics, 2016, 168, 126-131.e2.	1.8	65
4	Muscular fitness, fatness and inflammatory biomarkers in adolescents. Pediatric Obesity, 2014, 9, 391-400.	2.8	60
5	Prevalence of Metabolically Healthy but Overweight/Obese Phenotype and Its Association With Sedentary Time, Physical Activity, and Fitness. Journal of Adolescent Health, 2017, 61, 107-114.	2.5	55
6	Cardiometabolic risk through an integrative classification combining physical activity and sedentary behavior in European adolescents: HELENA study. Journal of Sport and Health Science, 2019, 8, 55-62.	6.5	46
7	Clustering of Multiple Lifestyle Behaviors and Health-related Fitness in European Adolescents. Journal of Nutrition Education and Behavior, 2013, 45, 549-557.	0.7	45
8	Comparison of uniaxial and triaxial accelerometry in the assessment of physical activity among adolescents under free-living conditions: the HELENA study. BMC Medical Research Methodology, 2012, 12, 26.	3.1	44
9	Prevalence of overweight in adolescents with intellectual deficiency. Differences in socio-educative context, physical activity and dietary habits. Appetite, 2011, 56, 403-407.	3.7	37
10	The six-minute walk test in obese youth: reproducibility, validity, and prediction equation to assess aerobic power. Disability and Rehabilitation, 2013, 35, 479-482.	1.8	37
11	Overweight in intellectually-disabled population: Physical, behavioral and psychological characteristics. Research in Developmental Disabilities, 2014, 35, 153-161.	2.2	37
12	Calibration of the RT3 accelerometer for various patterns of physical activity in children and adolescents. Journal of Sports Sciences, 2010, 28, 381-387.	2.0	36
13	The combined effect of physical activity and sedentary behaviors on a clustered cardio-metabolic risk score: The Helena study. International Journal of Cardiology, 2015, 186, 186-195.	1.7	36
14	New validated thresholds for various intensities of physical activity in adolescents using the Actigraph accelerometer. International Journal of Rehabilitation Research, 2011, 34, 175-177.	1.3	35
15	A favorable built environment is associated with better physical fitness in European adolescents. Preventive Medicine, 2013, 57, 844-849.	3.4	32
16	Association of objectively measured physical activity with body components in European adolescents. BMC Public Health, 2013, 13, 667.	2.9	31
17	Reliability of health-related physical fitness tests in adolescents: the MOVE program. Clinical Physiology and Functional Imaging, 2016, 36, 106-111.	1.2	27
18	Equivalence of accelerometer data for walking and running: Treadmill versus on land. Journal of Sports Sciences, 2009, 27, 669-675.	2.0	26

#	ARTICLE	IF	CITATIONS
19	Effect of child health status on parentsâ€™ allowing children to participate in pediatric research. BMC Medical Ethics, 2013, 14, 7.	2.4	25
20	Comparison and validation of accelerometer wear time and non-wear time algorithms for assessing physical activity levels in children and adolescents. BMC Medical Research Methodology, 2019, 19, 72.	3.1	25
21	Awareness of wearing an accelerometer does not affect physical activity in youth. BMC Medical Research Methodology, 2017, 17, 99.	3.1	24
22	Fitness and fatness in relation with attention capacity in European adolescents: The HELENA study. Journal of Science and Medicine in Sport, 2017, 20, 373-379.	1.3	22
23	Diet quality and attention capacity in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. British Journal of Nutrition, 2017, 117, 1587-1595.	2.3	21
24	Physical Fitness Reference Standards in French Youth: The BOUGE Program. Journal of Strength and Conditioning Research, 2017, 31, 1709-1718.	2.1	20
25	Comparative Interinstrument Reliability of Uniaxial and Triaxial Accelerometers in Free-Living Conditions. Perceptual and Motor Skills, 2012, 114, 584-594.	1.3	19
26	Validation of the Vivago Wrist-Worn accelerometer in the assessment of physical activity. BMC Public Health, 2012, 12, 690.	2.9	18
27	Raised immunoglobulin A and circulating T follicular helper cells are linked to the development of food allergy in paediatric liver transplant patients. Clinical and Experimental Allergy, 2015, 45, 1060-1070.	2.9	18
28	Impact of the choice of threshold on physical activity patterns in free living conditions among adolescents measured using a uniaxial accelerometer: The HELENA study. Journal of Sports Sciences, 2014, 32, 110-115.	2.0	17
29	Physical activity is associated with improved bone health in children with inflammatory bowel disease. Clinical Nutrition, 2020, 39, 1793-1798.	5.0	17
30	Mediation role of cardiorespiratory fitness on the association between fatness and cardiometabolic risk in European adolescents: The HELENA study. Journal of Sport and Health Science, 2021, 10, 360-367.	6.5	16
31	A conative educational model for an intervention program in obese youth. BMC Public Health, 2012, 12, 416.	2.9	15
32	How many days of accelerometer monitoring predict weekly physical activity behaviour in obese youth?. Clinical Physiology and Functional Imaging, 2014, 34, 384-388.	1.2	14
33	The CEMHaVi Program. Journal of Cardiopulmonary Rehabilitation and Prevention, 2010, 30, 181-185.	2.1	13
34	Reliability of the RT3 accelerometer for measurement of physical activity in adolescents. Journal of Sports Sciences, 2010, 28, 375-379.	2.0	13
35	Normative health-related fitness values for French children: The Diagnoform Programme. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 690-699.	2.9	13
36	Relationship between sleep habits, anthropometric characteristics and lifestyle habits in adolescents with intellectual disabilities. Research in Developmental Disabilities, 2013, 34, 2614-2620.	2.2	12

#	ARTICLE	IF	CITATIONS
37	Influence of sleep timing behavior on weight status and activity patterns in adults with intellectual disabilities. <i>Research in Developmental Disabilities</i> , 2014, 35, 3254-3259.	2.2	12
38	Amino acids intake and physical fitness among adolescents. <i>Amino Acids</i> , 2017, 49, 1041-1052.	2.7	12
39	Prevalence of overweight, obesity, underweight and normal weight in French youth from 2009 to 2013. <i>Public Health Nutrition</i> , 2017, 20, 959-964.	2.2	12
40	Adolescentsâ€™ diet quality in relation to their relativesâ€™ and peersâ€™ diet engagement and encouragement: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study. <i>Public Health Nutrition</i> , 2018, 21, 3192-3201.	2.2	12
41	Do adolescents accurately evaluate their diet quality? The HELENA study. <i>Clinical Nutrition</i> , 2017, 36, 1669-1673.	5.0	11
42	Physical activity awareness of European adolescents: The HELENA study. <i>Journal of Sports Sciences</i> , 2018, 36, 558-564.	2.0	11
43	Franceâ€™s 2020 Report Card on Physical Activity and Sedentary Behaviors in Children and Youth: Results and Progression. <i>Journal of Physical Activity and Health</i> , 2021, 18, 811-817.	2.0	11
44	Influence of meteorological conditions on physical activity in adolescents. <i>Journal of Epidemiology and Community Health</i> , 2020, 74, 395-400.	3.7	10
45	Relationship between school rhythm and physical activity in adolescents: the HELENA study. <i>Journal of Sports Sciences</i> , 2017, 35, 1666-1673.	2.0	10
46	Concurrent Validity of the Modified International Physical Activity Questionnaire for French Obese Adolescents. <i>Perceptual and Motor Skills</i> , 2013, 116, 123-131.	1.3	9
47	Trends in the prevalence of overweight, obesity and underweight in French children, aged 4â€“12 years, from 2013 to 2017. <i>Public Health Nutrition</i> , 2020, 23, 2478-2484.	2.2	9
48	Physical fitness levels of adolescents in the Ile de France region: comparisons with European standards and relevance for future cardiovascular risk. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 476-481.	1.2	7
49	Relationship between Tactics and Energy Expenditure According to Level of Experience in Badminton. <i>Perceptual and Motor Skills</i> , 2014, 119, 455-467.	1.3	5
50	Strategies in intervention programmes for obese youth: implication of the age and the type of physical activities. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 17-20.	1.2	5
51	Effects of a multidisciplinary rehabilitation program on pediatric obesity. <i>International Journal of Rehabilitation Research</i> , 2011, 34, 110-114.	1.3	4
52	Attention capacity in European adolescents: role of different health-related factors. The HELENA study. <i>European Journal of Pediatrics</i> , 2017, 176, 1433-1437.	2.7	4
53	Early life programming of attention capacity in adolescents: The HELENA study. <i>Maternal and Child Nutrition</i> , 2018, 14, .	3.0	4
54	Protocol of a randomised controlled trial assessing the impact of physical activity on bone health in children with inflammatory bowel disease. <i>BMJ Open</i> , 2020, 10, e036400.	1.9	4

#	ARTICLE	IF	CITATIONS
55	Trends in prevalence of childhood overweight and obesity in a community-based programme: The VIF Programme. <i>Pediatric Obesity</i> , 2021, 16, e12761.	2.8	3
56	Daily physical activity patterns in children and adolescents with inflammatory bowel disease. <i>Pediatric Research</i> , 2021, 90, 847-852.	2.3	3
57	L'impact d'un programme de prise en charge ambulatoire de l'obÃ©siti© infantile sur les performances acadÃ©miques, le sommeil et la composition corporelle. <i>Science and Sports</i> , 2012, 27, 154-159.	0.5	2
58	Technical variability of the Vivago <sup>®</sup> wrist-worn accelerometer. <i>Journal of Sports Sciences</i> , 2014, 32, 1768-1774.	2.0	2
59	Identification of Lifestyle Risk Factors in Adolescence Influencing Cardiovascular Health in Young Adults: The BELINDA Study. <i>Nutrients</i> , 2022, 14, 2089.	4.1	2
60	School time is associated with cardiorespiratory fitness in adolescents: The HELENA study. <i>Journal of Sports Sciences</i> , 2021, 39, 2068-2072.	2.0	1
61	Accelerometer Measurements Between The Treadmill And The Overland. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S415.	0.4	1
62	Feasibility and reliability of the Self Administered Children's Lifestyle Assessment (SACLA), a new tool to measure children's lifestyle behaviors: the VIF Program. <i>Journal of Preventive Medicine and Hygiene</i> , 2021, 62, E117-E121.	0.9	1
63	Interinstrument Reliability of RT3 Accelerometer at Different Levels Of Physical Activity.. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S415.	0.4	0
64	A feasible and reliable self-administered parental assessment of children's lifestyle (SAPLACL): an ancillary study based on the VIF program. <i>BMC Research Notes</i> , 2022, 15, 179.	1.4	0
65	French youth trends in prevalence of overweight, obesity and underweight from 2008 to 2018. <i>BMC Research Notes</i> , 2022, 15, .	1.4	0