

Jan Seghers

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,465
citations

236925

25
h-index

214800

47
g-index

74
all docs

74
docs citations

74
times ranked

3495
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.0	511
2	Global Matrix 2.0: Report Card Grades on the Physical Activity of Children and Youth Comparing 38 Countries. <i>Journal of Physical Activity and Health</i> , 2016, 13, S343-S366.	2.0	349
3	Posture, muscle activity and muscle fatigue in prolonged VDT work at different screen height settings. <i>Ergonomics</i> , 2003, 46, 714-730.	2.1	104
4	Does sports club participation contribute to physical activity among children and adolescents? A comparison across six European countries. <i>Scandinavian Journal of Public Health</i> , 2019, 47, 851-858.	2.3	80
5	Validation of the wavelet spectral estimation technique in Biceps Brachii and Brachioradialis fatigue assessment during prolonged low-level static and dynamic contractions. <i>Journal of Electromyography and Kinesiology</i> , 2004, 14, 205-215.	1.7	69
6	Assessing fundamental motor skills in Belgian children aged 3-8 years highlights differences to US reference sample. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, e281-90.	1.5	65
7	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.	2.0	65
8	How School Social and Physical Environments Relate to Autonomous Motivation in Physical Education: The Mediating Role of Need Satisfaction. <i>Journal of Teaching in Physical Education</i> , 2012, 31, 216-230.	1.2	60
9	Is knee extension strength a better predictor of functional performance than handgrip strength among older adults in three different settings?. <i>Archives of Gerontology and Geriatrics</i> , 2015, 60, 252-258.	3.0	59
10	Face-to-Face Versus Mobile Versus Blended Weight Loss Program: Randomized Clinical Trial. <i>JMIR MHealth and UHealth</i> , 2018, 6, e14.	3.7	52
11	Health Promotion Interventions in Sports Clubs: Can We Talk About a Setting-Based Approach? A Systematic Mapping Review. <i>Health Education and Behavior</i> , 2019, 46, 592-601.	2.5	51
12	Clustering of multiple lifestyle behaviours and its relationship with weight status and cardiorespiratory fitness in a sample of Flemish 11- to 12-year-olds. <i>Public Health Nutrition</i> , 2010, 13, 1838-1846.	2.2	49
13	Piecing the puzzle together: case studies of international research in health-promoting sports clubs. <i>Global Health Promotion</i> , 2016, 23, 75-84.	1.3	39
14	Bias in Self-Reported Height and Weight in Preadolescents. <i>Journal of Pediatrics</i> , 2010, 157, 911-916.	1.8	36
15	Youth sports clubs' potential as health-promoting setting: Profiles, motives and barriers. <i>Health Education Journal</i> , 2015, 74, 531-543.	1.2	36
16	Temporal patterns of physical activity and sedentary behavior in 10-14 year-old children on weekdays. <i>BMC Public Health</i> , 2015, 15, 791.	2.9	33
17	Exercise programs for older men: mode and intensity to induce the highest possible health-related benefits. <i>Preventive Medicine</i> , 2004, 39, 823-833.	3.4	32
18	Short- and long-term effectiveness of a three-month individualized need-supportive physical activity counseling intervention at the workplace. <i>BMC Public Health</i> , 2017, 17, 52.	2.9	32

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19	Evaluation of stAPP: a smartphone-based intervention to reduce prolonged sitting among Belgian adults. <i>Health Promotion International</i> , 2019, 34, 16-27.	1.8	32
20	“Don’t Have Time” Barriers and Facilitators to Physical Activity for Adults With Intellectual Disabilities. <i>Adapted Physical Activity Quarterly</i> , 2016, 33, 113-133.	0.8	31
21	Using Rasch modeling to investigate the construct of motor competence in early childhood. <i>Psychology of Sport and Exercise</i> , 2016, 24, 179-187.	2.1	30
22	A Framework for Physical Activity Programs Within School “Community Partnerships. <i>Quest</i> , 2011, 63, 300-320.	1.2	29
23	Physical activity promotion in schools: which strategies do schools (not) implement and which socioecological factors are associated with implementation?. <i>Health Education Research</i> , 2012, 27, 470-483.	1.9	29
24	Intrinsic goals for leisure-time physical activity predict children's daily step counts through autonomous motivation. <i>Psychology of Sport and Exercise</i> , 2014, 15, 247-254.	2.1	27
25	The effectiveness of a community-based fundamental motor skill intervention in children aged 3–8 years: Results of the “Multimove for Kids” project. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 184-189.	1.3	26
26	Muscle fatigue of the elbow flexor muscles during two intermittent exercise protocols with equal mean muscle loading. <i>Clinical Biomechanics</i> , 2004, 19, 24-30.	1.2	25
27	Evaluation of a real world intervention using professional football players to promote a healthy diet and physical activity in children and adolescents from a lower socio-economic background: a controlled pretest-posttest design. <i>BMC Public Health</i> , 2014, 14, 457.	2.9	25
28	Energy Expenditure During Xbox Kinect Play in Early Adolescents: The Relationship with Player Mode and Game Enjoyment. <i>Games for Health Journal</i> , 2015, 4, 444-451.	2.0	25
29	Convergent and Divergent Validity Between the KTK and MOT 4-6 Motor Tests in Early Childhood. <i>Adapted Physical Activity Quarterly</i> , 2016, 33, 33-47.	0.8	22
30	Changes in Physical Activity and Sedentary Behavior During the Transition From Elementary to Secondary School. <i>Journal of Physical Activity and Health</i> , 2014, 11, 1607-1613.	2.0	21
31	Muscular effort in multiple sclerosis patients during powered wheelchair manoeuvres. <i>Clinical Biomechanics</i> , 2004, 19, 929-938.	1.2	20
32	Results From Belgium’s 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016, 13, S95-S103.	2.0	20
33	The Added Value of a Brief Self-Efficacy Coaching on the Effectiveness of a 12-Week Physical Activity Program. <i>Journal of Physical Activity and Health</i> , 2014, 11, 18-29.	2.0	19
34	Sports, Poverty and the Role of the Voluntary Sector. Exploring and Explaining Nonprofit Sports Clubs’ Efforts to Facilitate Participation of Socially Disadvantaged People. <i>Voluntas</i> , 2017, 28, 307-334.	1.7	18
35	Effects of Generalization of Engagement in Parkour from Physical Education to Recess on Physical Activity. <i>Research Quarterly for Exercise and Sport</i> , 2018, 89, 429-439.	1.4	18
36	Determinants of dietary and physical activity behaviours among women of reproductive age in urban sub-Saharan Africa: a systematic review. <i>British Journal of Nutrition</i> , 2020, 124, 761-772.	2.3	18

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37	Evaluation of a workplace intervention to promote commuter cycling: A RE-AIM analysis. <i>BMC Public Health</i> , 2013, 13, 587.	2.9	17
38	Global Matrix 3.0 physical activity report card for children and youth: a comparison across Europe. <i>Public Health</i> , 2020, 187, 150-156.	2.9	17
39	Trends in Muscle-Strengthening Exercise Among Nationally Representative Samples of United States Adults Between 2011 and 2017. <i>Journal of Physical Activity and Health</i> , 2020, 17, 512-518.	2.0	17
40	Exploring strategies to improve the health promotion orientation of Flemish sports clubs. <i>Health Promotion International</i> , 2017, 32, daw004.	1.8	16
41	Autonomous motivation mediates the relation between goals for physical activity and physical activity behavior in adolescents. <i>Journal of Health Psychology</i> , 2017, 22, 595-604.	2.3	14
42	Promoting Stair Climbing in a Worksite and Public Setting: Are Footprints Enough?. <i>American Journal of Health Promotion</i> , 2018, 32, 527-535.	1.7	14
43	Short- and long-term effects of a need-supportive physical activity intervention among patients with type 2 diabetes mellitus: A randomized controlled pilot trial. <i>PLoS ONE</i> , 2017, 12, e0174805.	2.5	14
44	The Effect of Organized Versus Supervised Recess on Elementary School Children's Participation, Physical Activity, Play, and Social Behavior: A Cluster Randomized Controlled Trial. <i>Journal of Physical Activity and Health</i> , 2018, 15, 747-754.	2.0	13
45	Determinants of dietary and physical activity behaviours among women of reproductive age in urban Uganda, a qualitative study. <i>Public Health Nutrition</i> , 2021, 24, 3624-3636.	2.2	13
46	The Relation Between Environmental Factors and Pedometer-Determined Physical Activity in Children: The Mediating Role of Autonomous Motivation. <i>Pediatric Exercise Science</i> , 2013, 25, 273-287.	1.0	12
47	Effectiveness of a mobile preconception lifestyle programme in couples undergoing in vitro fertilisation (IVF): the protocol for the PreLiFe randomised controlled trial (PreLiFe-RCT). <i>BMJ Open</i> , 2019, 9, e029665.	1.9	12
48	Young people's health as a challenge for physical education in schools in the twenty-first century: the case of Flanders (Belgium). <i>Physical Education and Sport Pedagogy</i> , 2009, 14, 407-420.	3.0	11
49	The effect of a dynamic chair on seated energy expenditure. <i>Ergonomics</i> , 2017, 60, 1384-1392.	2.1	11
50	Coaches' and players' perceptions of health promotion activities in sport clubs. <i>Health Education Journal</i> , 2018, 77, 169-178.	1.2	11
51	Changes in Children's Autonomous Motivation Toward Physical Education During Transition From Elementary to Secondary School: A Self-Determination Perspective. <i>Journal of Teaching in Physical Education</i> , 2015, 34, 442-460.	1.2	10
52	Can a framed intervention motivate older adults in assisted living facilities to exercise?. <i>BMC Geriatrics</i> , 2019, 19, 46.	2.7	10
53	Habitual level of physical activity and muscle fatigue of the elbow flexor muscles in older men. <i>European Journal of Applied Physiology</i> , 2003, 89, 427-434.	2.5	9
54	Intensity- and Domain-Specific Levels of Physical Activity and Sedentary Behavior in 10- to 14-Year-Old Children. <i>Journal of Physical Activity and Health</i> , 2015, 12, 1543-1550.	2.0	9

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55	Sport Clubs in Belgium. <i>Sports Economics, Management and Policy</i> , 2015, , 47-67.	0.1	9
56	Which School- and Home-Based Factors in Elementary Schoolâ€œAge Children Predict Physical Activity and Sedentary Behavior in Secondary Schoolâ€œAge Children? A Prospective Cohort Study. <i>Journal of Physical Activity and Health</i> , 2015, 12, 409-417.	2.0	8
57	Energy Expenditure in Institutionalized Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1265-1271.	0.4	7
58	The Association Between Socioâ€œEcological Factors and Having an Afterâ€œSchool Physical Activity Program. <i>Journal of School Health</i> , 2012, 82, 395-403.	1.6	6
59	Longitudinal Associations Between Objectively Measured Physical Activity and Development of Executive Functioning Across the Transition to First Grade. <i>Journal of Physical Activity and Health</i> , 2016, 13, 895-902.	2.0	6
60	Systematic development of a mobile preconception lifestyle programme for couples undergoing IVF: the PreLiFe-programme. <i>Human Reproduction</i> , 2021, 36, 2493-2505.	0.9	6
61	Ergometer-cycling with strict versus minimal contact supervision among the oldest adults: A cluster-randomised controlled trial. <i>Archives of Gerontology and Geriatrics</i> , 2017, 70, 112-122.	3.0	4
62	Results from Flandersâ€™ 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018, 15, S357-S359.	2.0	4
63	Validation of a smart chair and corresponding smartphone app as an objective measure of deskâ€œbased sitting. <i>Journal of Occupational Health</i> , 2019, 61, 121-127.	2.1	4
64	Student Participation in Physical Activity Recess Programs in Secondary Schools. <i>International Journal of Kinesiology in Higher Education</i> , 2022, 6, 212-224.	0.3	4
65	Counting Steps in Institutionalized Older Adults During Daily Life Activities: The Validation of Two Motion Sensors. <i>Journal of Aging and Physical Activity</i> , 2015, 23, 383-390.	1.0	3
66	â€œJoin The Walk?â€™: Short-term and follow-up effects of a 10-week walking intervention in patients with a mental disorder. <i>Mental Health and Physical Activity</i> , 2017, 12, 73-82.	1.8	3
67	Generalization of Participation in Fitness Activities From Physical Education to Lunch Recess by Gender and Skill Level. <i>Journal of Teaching in Physical Education</i> , 2022, , 1-10.	1.2	3
68	Cost-effectiveness of exercise referral schemes: a systematic review of health economic studies. <i>European Journal of Public Health</i> , 2022, 32, 87-94.	0.3	3
69	Comparisons in ambulatory physical activity in children from the United Kingdom and Belgium. <i>Annals of Human Biology</i> , 2015, 42, 292-294.	1.0	2
70	The conceptual framework for a combined food literacy and physical activity intervention to optimize metabolic health among women of reproductive age in urban Uganda. <i>BMC Public Health</i> , 2022, 22, 351.	2.9	2
71	Health Policy Development in Flemish Small-Sized Municipalities. <i>Health Promotion Practice</i> , 2016, 17, 656-667.	1.6	0
72	Increasing Employeesâ€™ Health by Workplace Physical Activity Counseling: The Mediating Role of Step-Based Physical Activity Behavior Change. <i>Journal of Physical Activity and Health</i> , 2019, 16, 205-213.	2.0	0