Tommi Vasankari

List of Publications by Year in descending order

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115 14,193 29 104
papers citations h-index g-index

117 117 27102 all docs docs citations times ranked citing authors

#	Article	IF	Citations
1	Going carless in different urban fabrics: socio-demographics of household car ownership. Transportation, 2023, 50, 107-142.	4.0	6
2	Standing time and daily proportion of sedentary time are associated with pain-related disability in a oneÂmonth accelerometer measurement in adults with overweight or obesity. Scandinavian Journal of Pain, 2022, 22, 317-324.	1.3	1
3	Measurement of Physical Fitness and 24/7 Physical Activity, Standing, Sedentary Behavior, and Time in Bed in Working-Age Finns: Study Protocol for FINFIT 2021. Methods and Protocols, 2022, 5, 7.	2.0	4
4	Effects of reduced sedentary time on cardiometabolic health in adults with metabolic syndrome: A three-month randomized controlled trial. Journal of Science and Medicine in Sport, 2022, 25, 579-585.	1.3	7
5	A Randomized Controlled Trial Protocol for Using an Accelerometer-Smartphone Application Intervention to Increase Physical Activity and Improve Health among Employees in a Military Workplace. Methods and Protocols, 2022, 5, 1.	2.0	5
6	Economic burden of low physical activity and high sedentary behaviour in Finland. Journal of Epidemiology and Community Health, 2022, 76, 677-684.	3.7	9
7	Accelerometer-Measured Physical Activity Levels and Patterns Vary in an Age- and Sex-Dependent Fashion among Finnish Children and Adolescents. International Journal of Environmental Research and Public Health, 2022, 19, 6950.	2.6	9
8	Menstrual dysfunction and body weight dissatisfaction among Finnish young athletes and nonâ€athletes. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 405-417.	2.9	6
9	The associations of oxidized lipoprotein lipids with lipoprotein subclass particle concentrations and their lipid compositions. The Cardiovascular Risk in Young Finns Study. Free Radical Biology and Medicine, 2021, 162, 225-232.	2.9	0
10	Intensity Paradoxâ€"Low-Fit People Are Physically Most Active in Terms of Their Fitness. Sensors, 2021, 21, 2063.	3.8	18
11	Neuromuscular Training Warm-up Prevents Acute Noncontact Lower Extremity Injuries in Children's Soccer: A Cluster Randomized Controlled Trial. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110057.	1.7	14
12	Reliability and Validity of the ONAPS Physical Activity Questionnaire in Assessing Physical Activity and Sedentary Behavior in French Adults. International Journal of Environmental Research and Public Health, 2021, 18, 5643.	2.6	12
13	The associations between adolescents' sports club participation and dietary habits. Translational Sports Medicine, 2021, 4, 617-626.	1.1	8
14	Influence of the Duration and Timing of Data Collection on Accelerometer-Measured Physical Activity, Sedentary Time and Associated Insulin Resistance. International Journal of Environmental Research and Public Health, 2021, 18, 4950.	2.6	4
15	Physical Activity, Sedentary Behavior, and Time in Bed Among Finnish Adults Measured 24/7 by Triaxial Accelerometry. Journal for the Measurement of Physical Behaviour, 2021, 4, 163-173.	0.8	24
16	Standing is associated with insulin sensitivity in adults with metabolic syndrome. Journal of Science and Medicine in Sport, 2021, 24, 1255-1260.	1.3	6
17	Neuromuscular training warmâ€up in the prevention of overuse lower extremity injuries in children's football: A clusterâ€randomized controlled trial. Translational Sports Medicine, 2021, 4, 849.	1.1	2
18	Finnish late adolescents' physical activity during COVID-19 spring 2020 lockdown. BMC Public Health, 2021, 21, 2197.	2.9	4

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19	Adherence to an Injury Prevention Warm-Up Program in Children's Soccer—A Secondary Analysis of a Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2021, 18, 13134.	2.6	5
20	VÃestötasoisen terveyden edistÃmisen intervention suunnittelu ja kännistÃminen vaatii aikaa, seurantaa ja arviointia. Sosiaalilaaketieteellinen Aikakauslehti, 2021, 58, .	0.1	0
21	Comparison of motor competence in children aged 6â€9Âyears across northern, central, and southern European regions. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 349-360.	2.9	23
22	Cardiorespiratory and muscular fitness in young adult Finnish men between 2003 and 2015. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 716-724.	2.9	8
23	Relationship between different domains of physical activity and positive mental health among young adult men. BMC Public Health, 2020, 20, 1116.	2.9	21
24	Females Sustain more Ankle Injuries than Males in Youth Football. International Journal of Sports Medicine, 2020, 41, 1017-1023.	1.7	4
25	Both sedentary time and physical activity are associated with cardiometabolic health in overweight adults in a 1Âmonth accelerometer measurement. Scientific Reports, 2020, 10, 20578.	3.3	26
26	Muscular and cardiorespiratory fitness are associated with health-related quality of life among young adult men. BMC Public Health, 2020, 20, 842.	2.9	19
27	Individual- and environmental-related correlates of moderate-to-vigorous physical activity in 11 -, 13 -, and 15 -year-old Finnish children. PLoS ONE, 2020, 15 , e0234686.	2.5	10
28	Effects of baseline fitness and BMI levels on changes in physical fitness during military service. Journal of Science and Medicine in Sport, 2020, 23, 841-845.	1.3	14
29	Altered hip control during a standing kneeâ€lift test is associated with increased risk of knee injuries. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 922-931.	2.9	14
30	Cycling but not walking to work or study is associated with physical fitness, body composition and clustered cardiometabolic risk in young men. BMJ Open Sport and Exercise Medicine, 2020, 6, e000668.	2.9	7
31	There Is No Relationship Between Lower Extremity Alignment During Unilateral and Bilateral Drop Jumps and the Risk of Knee or Ankle Injury: A Prospective Study. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 267-274.	3.5	6
32	Overuse injuries are prevalent in children's competitive football: a prospective study using the OSTRC Overuse Injury Questionnaire. British Journal of Sports Medicine, 2019, 53, 165-171.	6.7	29
33	Visualisation and network analysis of physical activity and its determinants: Demonstrating opportunities in analysing baseline associations in the Let's Move It trial. Health Psychology and Behavioral Medicine, 2019, 7, 269-289.	1.8	10
34	Associations of Aerobic Fitness and Maximal Muscular Strength With Metabolites in Young Men. JAMA Network Open, 2019, 2, e198265.	5.9	30
35	Acute and overuse injuries among sports club members and non-members: the Finnish Health Promoting Sports Club (FHPSC) study. BMC Musculoskeletal Disorders, 2019, 20, 32.	1.9	7
36	Socio-Ecological Natural Experiment with Randomized Controlled Trial to Promote Active Commuting to Work: Process Evaluation, Behavioral Impacts, and Changes in the Use and Quality of Walking and Cycling Paths. International Journal of Environmental Research and Public Health, 2019, 16, 1661.	2.6	18

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37	Kids Out; evaluation of a brief multimodal cluster randomized intervention integrated in health education lessons to increase physical activity and reduce sedentary behavior among eighth graders. BMC Public Health, 2019, 19, 415.	2.9	15
38	Frequent sit-to-stand transitions and several short standing periods measured by hip-worn accelerometer are associated with smaller waist circumference among adults. Journal of Sports Sciences, 2019, 37, 1840-1848.	2.0	4
39	5â€Frontal plane femoral adduction during single-leg landing and low back pain in young athletes: a prospective profits cohort study. , 2019, , .		O
40	Personalised eHealth intervention to increase physical activity and reduce sedentary behaviour in rehabilitation after cardiac operations: study protocol for the PACO randomised controlled trial (NCT03470246). BMJ Open Sport and Exercise Medicine, 2019, 5, e000539.	2.9	18
41	Awareness and Knowledge of Physical Activity Recommendations in Young Adult Men. Frontiers in Public Health, 2019, 7, 310.	2.7	21
42	Diet Macronutrient Composition, Physical Activity, and Body Composition in Soldiers During 6 Months Deployment. Military Medicine, 2019, 184, e231-e237.	0.8	16
43	Device-based physical activity levels among Finnish adolescents with functional limitations. Disability and Health Journal, 2019, 12, 114-120.	2.8	5
44	The Role of Physical Education Homework to Adolescent Girls' Physical Activity in Finland. Advances in Physical Education, 2019, 09, 223-239.	0.4	4
45	Training Volume and Intensity of Physical Activity among Young Athletes: The Health Promoting Sports Club (HPSC) Study. Advances in Physical Education, 2019, 09, 270-287.	0.4	9
46	Stronger Relationships Between Cardiometabolic Risk Factors and Physical Fitness than Objectively Measured Physical Activity. Medicine and Science in Sports and Exercise, 2019, 51, 217-217.	0.4	0
47	Poor Pelvic Control During A Knee Lift Test Is Associated With Increased Risk Of Knee Injuries. Medicine and Science in Sports and Exercise, 2019, 51, 143-143.	0.4	0
48	Relationships Between Youth Sports Participation and Mental Health in Young Adulthood Among Finnish Males. American Journal of Health Promotion, 2018, 32, 1502-1509.	1.7	25
49	Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995–2015. Lancet, The, 2018, 391, 1799-1829.	13.7	127
50	Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016–40. Lancet, The, 2018, 391, 1783-1798.	13.7	172
51	The Burden of Cardiovascular Diseases Among US States, 1990-2016. JAMA Cardiology, 2018, 3, 375.	6.1	271
52	Changes in Physical Performance During 21 d of Military Field Training in Warfighters. Military Medicine, 2018, 183, e174-e181.	0.8	19
53	Association between frontal plane knee control and lower extremity injuries: a prospective study on young team sport athletes. BMJ Open Sport and Exercise Medicine, 2018, 4, e000311.	2.9	38
54	Acute injuries in Finnish junior floorball league players. Journal of Science and Medicine in Sport, 2018, 21, 268-273.	1.3	21

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55	Physical Fitness in Young Men between 1975 and 2015 with a Focus on the Years 2005–2015. Medicine and Science in Sports and Exercise, 2018, 50, 292-298.	0.4	21
56	Reliable recognition of lying, sitting, and standing with a hipâ€worn accelerometer. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1092-1102.	2.9	100
57	Simple and rationale-providing SMS reminders to promote accelerometer use: a within-trial randomised trial comparing persuasive messages. BMC Public Health, 2018, 18, 1352.	2.9	3
58	Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. New England Journal of Medicine, 2018, 379, 2429-2437.	27.0	959
59	Effects of a Two-Year Home-Based Exercise Training Program on Oxidized LDL and HDL Lipids in Coronary Artery Disease Patients with and without Type-2 Diabetes. Antioxidants, 2018, 7, 144.	5.1	10
60	Subjects with cardiovascular disease or high disease risk are more sedentary and less active than their healthy peers. BMJ Open Sport and Exercise Medicine, 2018, 4, e000363.	2.9	25
61	Aerobic physical activity assessed with accelerometer, diary, questionnaire, and interview in a Finnish population sample. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2196-2206.	2.9	24
62	Musculoskeletal examination in young athletes and non-athletes: the Finnish Health Promoting Sports Club (FHPSC) study. BMJ Open Sport and Exercise Medicine, 2018, 4, e000376.	2.9	12
63	Sixâ€minute walk test: a tool for predicting maximal aerobic power (<scp>VO</scp> _{2Â} max) in healthy adults. Clinical Physiology and Functional Imaging, 2018, 38, 1038-1045.	1.2	98
64	Evaluation of occupational physical load during 6-month international crisis management operation. International Journal of Occupational Medicine and Environmental Health, 2018, 31, 185-197.	1.3	5
65	Global Burden of Hypertension and Systolic Blood Pressure of at Least 110 to 115 mm Hg, 1990-2015. JAMA - Journal of the American Medical Association, 2017, 317, 165.	7.4	1,492
66	Selfâ€reported healthâ€enhancing physical activity recommendation adherence among 64,380 finnish adults. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 1842-1853.	2.9	41
67	Future and potential spending on health 2015–40: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. Lancet, The, 2017, 389, 2005-2030.	13.7	163
68	Evolution and patterns of global health financing 1995â€"2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. Lancet, The, 2017, 389, 1981-2004.	13.7	204
69	Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. Journal of the American College of Cardiology, 2017, 70, 1-25.	2.8	2,705
70	LANDING WITH LESS HIP FLEXION IS ASSOCIATED WITH INCREASED RISK OF ACL INJURIES IN YOUNG FEMALE TEAM SPORTS PLAYERS. British Journal of Sports Medicine, 2017, 51, 350.1-350.	6.7	4
71	Association of objectively measured sedentary behaviour and physical activity with cardiovascular disease risk. European Journal of Preventive Cardiology, 2017, 24, 1311-1318.	1.8	72
72	Health Effects of Overweight and Obesity in 195 Countries over 25 Years. New England Journal of Medicine, 2017, 377, 13-27.	27.0	5,014

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73	Child and Adolescent Health From 1990 to 2015. JAMA Pediatrics, 2017, 171, 573.	6.2	306
74	Randomised controlled feasibility study of a school-based multi-level intervention to increase physical activity and decrease sedentary behaviour among vocational school students. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 37.	4.6	27
75	ASSOCIATION BETWEEN FRONTAL PLANE KNEE CONTROL AND ACUTE LOWER EXTREMITY INJURIES. British Journal of Sports Medicine, 2017, 51, 376.3-377.	6.7	О
76	High ankle injury rate in adolescent basketball: A 3â€year prospective followâ€up study. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 643-649.	2.9	49
77	Effectiveness of a standardised exercise programme for recurrent neck and low back pain: a multicentre, randomised, two-arm, parallel group trial across 34 fitness clubs in Finland. BMJ Open Sport and Exercise Medicine, 2017, 3, e000233.	2.9	11
78	Epidemiology of Overuse Injuries in Youth Team Sports: A 3-year Prospective Study. International Journal of Sports Medicine, 2017, 38, 847-856.	1.7	31
79	Injuries during the international floorball tournaments from 2012 to 2015. BMJ Open Sport and Exercise Medicine, 2017, 2, e000217.	2.9	8
80	Moving to business – changes in physical activity and sedentary behavior after multilevel intervention in small and medium-size workplaces. BMC Public Health, 2017, 17, 319.	2.9	33
81	Stiff Landings Are Associated With Increased ACL Injury Risk in Young Female Basketball and Floorball Players. American Journal of Sports Medicine, 2017, 45, 386-393.	4.2	238
82	FLOORBALL INJURIES DURING INTERNATIONAL TOURNAMENTS. British Journal of Sports Medicine, 2017, 51, 371.2-371.	6.7	0
83	Physical activity of soldiers during a military field exercise. Journal of Science and Medicine in Sport, 2017, 20, S113-S114.	1.3	1
84	Impact of diet macronutrient composition and physical activity on body composition in soldiers during a six-month military operation. Journal of Science and Medicine in Sport, 2017, 20, S72-S73.	1.3	0
85	Sagittal Plane Hip, Knee, and Ankle Biomechanics and the Risk of Anterior Cruciate Ligament Injury: A Prospective Study. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711774548.	1.7	90
86	Socio-Ecological Intervention to Promote Active Commuting to Work: Protocol and Baseline Findings of a Cluster Randomized Controlled Trial in Finland. International Journal of Environmental Research and Public Health, 2017, 14, 1257.	2.6	10
87	Objectively measured sedentary behavior and physical activity of Finnish 7- to 14-year-old children– associations with perceived health status: a cross-sectional study. BMC Public Health, 2016, 16, 338.	2.9	31
88	6-mo aerobic exercise intervention enhances the lipid peroxide transport function of HDL. Free Radical Research, 2016, 50, 1279-1285.	3.3	15
89	Objectively measured sedentary behavior and physical activity in a sample of Finnish adults: a cross-sectional study. BMC Public Health, 2016, 16, 920.	2.9	69
90	Where to Sit? Type of Sitting Matters for the Framingham Cardiovascular Risk Score. AIMS Public Health, 2016, 3, 577-591.	2.6	10

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91	Validation of Cut-Points for Evaluating the Intensity of Physical Activity with Accelerometry-Based Mean Amplitude Deviation (MAD). PLoS ONE, 2015, 10, e0134813.	2.5	174
92	Mean amplitude deviation calculated from raw acceleration data: a novel method for classifying the intensity of adolescents' physical activity irrespective of accelerometer brand. BMC Sports Science, Medicine and Rehabilitation, 2015, 7, 18.	1.7	84
93	Health promotion activities of sports clubs and coaches, and health and health behaviours in youth participating in sports clubs: the Health Promoting Sports Club study. BMJ Open Sport and Exercise Medicine, 2015 , 1 , $e000034$.	2.9	31
94	Interrelationships of Physical Activity and Sleep with Cardiovascular Risk Factors: a Person-Oriented Approach. International Journal of Behavioral Medicine, 2015, 22, 735-747.	1.7	10
95	Postprandial effects of polydextrose on satiety hormone responses and subjective feelings of appetite in obese participants. Nutrition Journal, 2015, 14, 2.	3.4	47
96	Postprandial triglyceride response in normolipidemic, hyperlipidemic and obese subjects – the influence of polydextrose, a non-digestible carbohydrate. Nutrition Journal, 2015, 14, 23.	3.4	23
97	KIDS OUT! Protocol of a brief school-based intervention to promote physical activity and to reduce screen time in a sub-cohort of Finnish eighth graders. BMC Public Health, 2015, 15, 634.	2.9	10
98	A universal, accurate intensityâ€based classification of different physical activities using raw data of accelerometer. Clinical Physiology and Functional Imaging, 2015, 35, 64-70.	1.2	171
99	12-Mo Intervention of Physical Exercise Improved Work Ability, Especially in Subjects with Low Baseline Work Ability. International Journal of Environmental Research and Public Health, 2014, 11, 3859-3869.	2.6	23
100	Associations of Maximal Strength and Muscular Endurance with Cardiovascular Risk Factors. International Journal of Sports Medicine, 2014, 35, 356-360.	1.7	28
101	Physical activity and sleep profiles in Finnish men and women. BMC Public Health, 2014, 14, 82.	2.9	32
102	The associations of oxidized high-density lipoprotein lipids with risk factors for atherosclerosis: The Cardiovascular Risk in Young Finns Study. Free Radical Biology and Medicine, 2013, 65, 1284-1290.	2.9	26
103	Circulating oxidised LDL lipids, when proportioned to HDL-c, emerged as a risk factor of all-cause mortality in a population-based survival study. Age and Ageing, 2013, 42, 110-113.	1.6	23
104	Decreased Training Volume and Increased Carbohydrate Intake Increases Oxidized LDL Levels. International Journal of Sports Medicine, 2012, 33, 291-296.	1.7	26
105	Good Aerobic or Muscular Fitness Protects Overweight Men from Elevated Oxidized LDL. Medicine and Science in Sports and Exercise, 2012, 44, 563-568.	0.4	18
106	Both poor cardiorespiratory and weak muscle fitness are related to a high concentration of oxidized lowâ€density lipoprotein lipids. Scandinavian Journal of Medicine and Science in Sports, 2012, 22, 746-755.	2.9	5
107	Lipoprotein-specific transport of circulating lipid peroxides. Annals of Medicine, 2010, 42, 521-529.	3.8	46
108	Physical Fitness Profiles in Young Finnish Men during the Years 1975-2004. Medicine and Science in Sports and Exercise, 2006, 38, 1990-1994.	0.4	93

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109	Acute Prolonged Exercise Reduces Moderately Oxidized LDL in Healthy Men. International Journal of Sports Medicine, 2005, 26, 420-425.	1.7	20
110	Effects of statin therapy on circulating conjugated dienes, a measure of LDL oxidation. Atherosclerosis, 2005, 179, 207-209.	0.8	21
111	Oxidized LDL and thickness of carotid intima-media are associated with coronary atherosclerosis in middle-aged men: lower levels of oxidized LDL with statin therapy. Atherosclerosis, 2001, 155, 403-412.	0.8	100
112	Reduced mildly oxidized LDL in young female athletes. Atherosclerosis, 2000, 151, 399-405.	0.8	31
113	Baseline Diene Conjugation in LDL Lipids as a Direct Measure of In Vivo LDL Oxidation. Clinical Biochemistry, 1998, 31, 257-261.	1.9	111
114	Players with high physical fitness are at greater risk of injury in youth football. Scandinavian Journal of Medicine and Science in Sports, 0, , .	2.9	2
115	Why Would You Run around Chasing a Ball? Embodied and Temporal Emotions during Leisure Time Physical Activity. Leisure Sciences, 0, , 1-24.	3.1	2