Tommi Vasankari

List of Publications by Year
in descending order

115	14,193	172457 29	29157 104
papers	citations	h-index	g-index

117	117	117	27102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. New England Journal of Medicine, 2018, 379, 2429-2437.	27.0	959
5	Child and Adolescent Health From 1990 to 2015. JAMA Pediatrics, 2017, 171, 573.	6.2	306
6	The Burden of Cardiovascular Diseases Among US States, 1990-2016. JAMA Cardiology, 2018, 3, 375.	6.1	271
7	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
8	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
9	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
10	Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016â€“40. Lancet, The, 2018, 391, 1783-1798.	13.7	172
11	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
12	Future and potential spending on health 2015â€“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
13	Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995â€“2015. Lancet, The, 2018, 391, 1799-1829.	13.7	127
14	Baseline Diene Conjugation in LDL Lipids as a Direct Measure of In Vivo LDL Oxidation. Clinical Biochemistry, 1998, 31, 257-261.	1.9	111
15	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
16	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
17	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
18	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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19	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
20	Mean amplitude deviation calculated from raw acceleration data: a novel method for classifying the intensity of adolescentsâ€™ physical activity irrespective of accelerometer brand. BMC Sports Science, Medicine and Rehabilitation, 2015, 7, 18.	1.7	84
21	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
22	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
23	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
24	Postprandial effects of polydextrose on satiety hormone responses and subjective feelings of appetite in obese participants. Nutrition Journal, 2015, 14, 2.	3.4	47
25	Lipoprotein-specific transport of circulating lipid peroxides. Annals of Medicine, 2010, 42, 521-529.	3.8	46
26	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
27	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
28	Moving to business â€“ 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
29	Physical activity and sleep profiles in Finnish men and women. BMC Public Health, 2014, 14, 82.	2.9	32
30	Reduced mildly oxidized LDL in young female athletes. Atherosclerosis, 2000, 151, 399-405.	0.8	31
31	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
32	Objectively measured sedentary behavior and physical activity of Finnish 7- to 14-year-old childrenâ€“ associations with perceived health status: a cross-sectional study. BMC Public Health, 2016, 16, 338.	2.9	31
33	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
34	Associations of Aerobic Fitness and Maximal Muscular Strength With Metabolites in Young Men. JAMA Network Open, 2019, 2, e198265.	5.9	30
35	Overuse injuries are prevalent in childrenâ€™s competitive football: a prospective study using the OSTRC Overuse Injury Questionnaire. British Journal of Sports Medicine, 2019, 53, 165-171.	6.7	29
36	Associations of Maximal Strength and Muscular Endurance with Cardiovascular Risk Factors. International Journal of Sports Medicine, 2014, 35, 356-360.	1.7	28

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37	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
38	Decreased Training Volume and Increased Carbohydrate Intake Increases Oxidized LDL Levels. International Journal of Sports Medicine, 2012, 33, 291-296.	1.7	26
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	Postprandial triglyceride response in normolipidemic, hyperlipidemic and obese subjects â€“ the influence of polydextrose, a non-digestible carbohydrate. Nutrition Journal, 2015, 14, 23.	3.4	23
48	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
49	Effects of statin therapy on circulating conjugated dienes, a measure of LDL oxidation. Atherosclerosis, 2005, 179, 207-209.	0.8	21
50	Acute injuries in Finnish junior floorball league players. Journal of Science and Medicine in Sport, 2018, 21, 268-273.	1.3	21
51	Physical Fitness in Young Men between 1975 and 2015 with a Focus on the Years 2005â€“2015. Medicine and Science in Sports and Exercise, 2018, 50, 292-298.	0.4	21
52	Awareness and Knowledge of Physical Activity Recommendations in Young Adult Men. Frontiers in Public Health, 2019, 7, 310.	2.7	21
53	Relationship between different domains of physical activity and positive mental health among young adult men. BMC Public Health, 2020, 20, 1116.	2.9	21
54	Acute Prolonged Exercise Reduces Moderately Oxidized LDL in Healthy Men. International Journal of Sports Medicine, 2005, 26, 420-425.	1.7	20

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55	Changes in Physical Performance During 21 d of Military Field Training in Warfighters. Military Medicine, 2018, 183, e174-e181.	0.8	19
56	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
57	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
58	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
59	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
60	Intensity Paradoxâ€"Low-Fit People Are Physically Most Active in Terms of Their Fitness. Sensors, 2021, 21, 2063.	3.8	18
61	Diet Macronutrient Composition, Physical Activity, and Body Composition in Soldiers During 6 Months Deployment. Military Medicine, 2019, 184, e231-e237.	0.8	16
62	6-mo aerobic exercise intervention enhances the lipid peroxide transport function of HDL. Free Radical Research, 2016, 50, 1279-1285.	3.3	15
63	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
64	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
65	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
66	Neuromuscular Training Warm-up Prevents Acute Noncontact Lower Extremity Injuries in Childrenâ€™s Soccer: A Cluster Randomized Controlled Trial. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110057.	1.7	14
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	Visualisation and network analysis of physical activity and its determinants: Demonstrating opportunities in analysing baseline associations in the Letâ€™s Move It trial. Health Psychology and Behavioral Medicine, 2019, 7, 269-289.	1.8	10
75	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
76	Where to Sit? Type of Sitting Matters for the Framingham Cardiovascular Risk Score. AIMS Public Health, 2016, 3, 577-591.	2.6	10
77	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
78	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
79	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
80	Injuries during the international floorball tournaments from 2012 to 2015. BMJ Open Sport and Exercise Medicine, 2017, 2, e000217.	2.9	8
81	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
82	The associations between adolescentsâ€™ sports club participation and dietary habits. Translational Sports Medicine, 2021, 4, 617-626.	1.1	8
83	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
84	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
85	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
86	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
87	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
88	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
89	Going carless in different urban fabrics: socio-demographics of household car ownership. Transportation, 2023, 50, 107-142.	4.0	6
90	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

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91	Device-based physical activity levels among Finnish adolescents with functional limitations. Disability and Health Journal, 2019, 12, 114-120.	2.8	5
92	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
93	Adherence to an Injury Prevention Warm-Up Program in Childrenâ€™s Soccerâ€”A Secondary Analysis of a Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2021, 18, 13134.	2.6	5
94	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
95	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
96	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
97	Females Sustain more Ankle Injuries than Males in Youth Football. International Journal of Sports Medicine, 2020, 41, 1017-1023.	1.7	4
98	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
99	The Role of Physical Education Homework to Adolescent Girlsâ€™ Physical Activity in Finland. Advances in Physical Education, 2019, 09, 223-239.	0.4	4
100	Finnish late adolescentsâ€™ physical activity during COVID-19 spring 2020 lockdown. BMC Public Health, 2021, 21, 2197.	2.9	4
101	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
102	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
103	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
104	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
105	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
106	Physical activity of soldiers during a military field exercise. Journal of Science and Medicine in Sport, 2017, 20, S113-S114.	1.3	1
107	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
108	ASSOCIATION BETWEEN FRONTAL PLANE KNEE CONTROL AND ACUTE LOWER EXTREMITY INJURIES. British Journal of Sports Medicine, 2017, 51, 376.3-377.	6.7	0

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109	FLOORBALL INJURIES DURING INTERNATIONAL TOURNAMENTS. British Journal of Sports Medicine, 2017, 51, 371.2-371.	6.7	0
110	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
111	5â€…Frontal plane femoral adduction during single-leg landing and low back pain in young athletes: a prospective profits cohort study. , 2019, , .		0
112	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
113	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
114	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
115	VÃestÃ¶tasoisen terveyden edistÃmisen intervention suunnittelu ja kÃynnistÃminen vaatii aikaa, seurantaa ja arviointia. Sosiaalilaaketieteellinen Aikakauslehti, 2021, 58, .	0.1	0