

Tommi Vasankari

List of Publications by Citations

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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.

101
papers

8,989
citations

26
h-index

94
g-index

117
ext. papers

11,902
ext. citations

6.1
avg, IF

4.98
L-index

#	Paper	IF	Citations
101	Health Effects of Overweight and Obesity in 195 Countries over 25 Years. <i>New England Journal of Medicine</i> , 2017 , 377, 13-27	59.2	3027
100	Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1-25	15.1	1804
99	Global Burden of Hypertension and Systolic Blood Pressure of at Least 110 to 115 mm Hg, 1990-2015. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 165-182	27.4	957
98	Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. <i>New England Journal of Medicine</i> , 2018 , 379, 2429-2437	59.2	495
97	Child and Adolescent Health From 1990 to 2015: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study. <i>JAMA Pediatrics</i> , 2017 , 171, 573-592	8.3	216
96	The Burden of Cardiovascular Diseases Among US States, 1990-2016. <i>JAMA Cardiology</i> , 2018 , 3, 375-389	16.2	184
95	Stiff Landings Are Associated With Increased ACL Injury Risk in Young Female Basketball and Floorball Players. <i>American Journal of Sports Medicine</i> , 2017 , 45, 386-393	6.8	175
94	Evolution and patterns of global health financing 1995-2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. <i>Lancet, The</i> , 2017 , 389, 1981-2004	4.0	152
93	A universal, accurate intensity-based classification of different physical activities using raw data of accelerometer. <i>Clinical Physiology and Functional Imaging</i> , 2015 , 35, 64-70	2.4	124
92	Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016-40. <i>Lancet, The</i> , 2018 , 391, 1783-1798	4.0	121
91	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. <i>Lancet, The</i> , 2017 , 389, 2005-2030	4.0	120
90	Validation of Cut-Points for Evaluating the Intensity of Physical Activity with Accelerometry-Based Mean Amplitude Deviation (MAD). <i>PLoS ONE</i> , 2015 , 10, e0134813	3.7	110
89	Baseline diene conjugation in LDL lipids as a direct measure of in vivo LDL oxidation. <i>Clinical Biochemistry</i> , 1998 , 31, 257-61	3.5	103
88	Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995-2015. <i>Lancet, The</i> , 2018 , 391, 1799-1829	4.0	95
87	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. <i>Atherosclerosis</i> , 2001 , 155, 403-12	3.1	90
86	Physical fitness profiles in young Finnish men during the years 1975-2004. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1990-4	1.2	77
85	Sagittal Plane Hip, Knee, and Ankle Biomechanics and the Risk of Anterior Cruciate Ligament Injury: A Prospective Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2017 , 5, 2325967117745487	3.5	65

84	Mean amplitude deviation calculated from raw acceleration data: a novel method for classifying the intensity of adolescents' physical activity irrespective of accelerometer brand. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015 , 7, 18	2.4	57
83	Six-minute walk test: a tool for predicting maximal aerobic power (VO max) in healthy adults. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 1038	2.4	53
82	Reliable recognition of lying, sitting, and standing with a hip-worn accelerometer. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 1092-1102	4.6	49
81	Association of objectively measured sedentary behaviour and physical activity with cardiovascular disease risk. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 1311-1318	3.9	44
80	Objectively measured sedentary behavior and physical activity in a sample of Finnish adults: a cross-sectional study. <i>BMC Public Health</i> , 2016 , 16, 920	4.1	44
79	Lipoprotein-specific transport of circulating lipid peroxides. <i>Annals of Medicine</i> , 2010 , 42, 521-9	1.5	42
78	Postprandial effects of polydextrose on satiety hormone responses and subjective feelings of appetite in obese participants. <i>Nutrition Journal</i> , 2015 , 14, 2	4.3	34
77	Self-reported health-enhancing physical activity recommendation adherence among 64,380 Finnish adults. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017 , 27, 1842-1853	4.6	32
76	High ankle injury rate in adolescent basketball: A 3-year prospective follow-up study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017 , 27, 643-649	4.6	31
75	Association between frontal plane knee control and lower extremity injuries: a prospective study on young team sport athletes. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000311	3.4	26
74	Moving to business - changes in physical activity and sedentary behavior after multilevel intervention in small and medium-size workplaces. <i>BMC Public Health</i> , 2017 , 17, 319	4.1	26
73	Physical activity and sleep profiles in Finnish men and women. <i>BMC Public Health</i> , 2014 , 14, 82	4.1	25
72	Epidemiology of Overuse Injuries in Youth Team Sports: A 3-year Prospective Study. <i>International Journal of Sports Medicine</i> , 2017 , 38, 847-856	3.6	24
71	Reduced mildly oxidized LDL in young female athletes. <i>Atherosclerosis</i> , 2000 , 151, 399-405	3.1	24
70	Randomised controlled feasibility study of a school-based multi-level intervention to increase physical activity and decrease sedentary behaviour among vocational school students. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 37	8.4	23
69	The associations of oxidized high-density lipoprotein lipids with risk factors for atherosclerosis: the Cardiovascular Risk in Young Finns Study. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 1284-1290	7.8	23
68	Decreased training volume and increased carbohydrate intake increases oxidized LDL levels. <i>International Journal of Sports Medicine</i> , 2012 , 33, 291-6	3.6	23
67	Associations of maximal strength and muscular endurance with cardiovascular risk factors. <i>International Journal of Sports Medicine</i> , 2014 , 35, 356-60	3.6	21

66	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. <i>BMJ Open Sport and Exercise Medicine</i> , 2015 , 1, e000034	3.4	19
65	Circulating oxidised LDL lipids, when proportioned to HDL-c, emerged as a risk factor of all-cause mortality in a population-based survival study. <i>Age and Ageing</i> , 2013 , 42, 110-3	3	19
64	Objectively measured sedentary behavior and physical activity of Finnish 7- to 14-year-old children-associations with perceived health status: a cross-sectional study. <i>BMC Public Health</i> , 2016 , 16, 338	4.1	19
63	Associations of Aerobic Fitness and Maximal Muscular Strength With Metabolites in Young Men. <i>JAMA Network Open</i> , 2019 , 2, e198265	10.4	18
62	Overuse injuries are prevalent in children's competitive football: a prospective study using the OSTRC Overuse Injury Questionnaire. <i>British Journal of Sports Medicine</i> , 2019 , 53, 165-171	10.3	18
61	12-mo intervention of physical exercise improved work ability, especially in subjects with low baseline work ability. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 3859-69	4.6	18
60	Postprandial triglyceride response in normolipidemic, hyperlipidemic and obese subjects - the influence of polydextrose, a non-digestible carbohydrate. <i>Nutrition Journal</i> , 2015 , 14, 23	4.3	17
59	Good aerobic or muscular fitness protects overweight men from elevated oxidized LDL. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 563-8	1.2	17
58	Acute injuries in Finnish junior floorball league players. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 268-273	4.4	16
57	Effects of statin therapy on circulating conjugated dienes, a measure of LDL oxidation. <i>Atherosclerosis</i> , 2005 , 179, 207-9	3.1	15
56	Physical Fitness in Young Men between 1975 and 2015 with a Focus on the Years 2005-2015. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 292-298	1.2	13
55	Acute prolonged exercise reduces moderately oxidized LDL in healthy men. <i>International Journal of Sports Medicine</i> , 2005 , 26, 420-5	3.6	13
54	Subjects with cardiovascular disease or high disease risk are more sedentary and less active than their healthy peers. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000363	3.4	13
53	Aerobic physical activity assessed with accelerometer, diary, questionnaire, and interview in a Finnish population sample. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 2196-2206	4.6	13
52	Changes in Physical Performance During 21 d of Military Field Training in Warfighters. <i>Military Medicine</i> , 2018 , 183, e174-e181	1.3	12
51	6-mo aerobic exercise intervention enhances the lipid peroxide transport function of HDL. <i>Free Radical Research</i> , 2016 , 50, 1279-1285	4	12
50	Relationships Between Youth Sports Participation and Mental Health in Young Adulthood Among Finnish Males. <i>American Journal of Health Promotion</i> , 2018 , 32, 1502-1509	2.5	11
49	Awareness and Knowledge of Physical Activity Recommendations in Young Adult Men. <i>Frontiers in Public Health</i> , 2019 , 7, 310	6	11

48	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. <i>BMC Public Health</i> , 2019 , 19, 415	4.1	10
47	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. <i>BMC Public Health</i> , 2015 , 15, 634	4.1	10
46	Comparison of motor competence in children aged 6-9 years across northern, central, and southern European regions. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 349-360	4.6	10
45	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. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	9
44	Diet Macronutrient Composition, Physical Activity, and Body Composition in Soldiers During 6 Months Deployment. <i>Military Medicine</i> , 2019 , 184, e231-e237	1.3	9
43	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. <i>BMJ Open Sport and Exercise Medicine</i> , 2017 , 3, e000233	3.4	8
42	Altered hip control during a standing knee-lift test is associated with increased risk of knee injuries. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 922-931	4.6	8
41	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. <i>Antioxidants</i> , 2018 , 7,	7.1	8
40	Muscular and cardiorespiratory fitness are associated with health-related quality of life among young adult men. <i>BMC Public Health</i> , 2020 , 20, 842	4.1	7
39	Visualisation and network analysis of physical activity and its determinants: Demonstrating opportunities in analysing baseline associations in the Let's Move It trial. <i>Health Psychology and Behavioral Medicine</i> , 2019 , 7, 269-289	2.2	7
38	Injuries during the international floorball tournaments from 2012 to 2015. <i>BMJ Open Sport and Exercise Medicine</i> , 2016 , 2, e000217	3.4	7
37	Both sedentary time and physical activity are associated with cardiometabolic health in overweight adults in a 1 month accelerometer measurement. <i>Scientific Reports</i> , 2020 , 10, 20578	4.9	7
36	Effects of baseline fitness and BMI levels on changes in physical fitness during military service. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 841-845	4.4	6
35	Socio-Ecological Intervention to Promote Active Commuting to Work: Protocol and Baseline Findings of a Cluster Randomized Controlled Trial in Finland. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14, 1257	4.6	6
34	Physical Activity, Sedentary Behavior, and Time in Bed Among Finnish Adults Measured 24/7 by Triaxial Accelerometry. <i>Journal for the Measurement of Physical Behaviour</i> , 2021 , 4, 163-173	2.3	6
33	Interrelationships of Physical Activity and Sleep with Cardiovascular Risk Factors: a Person-Oriented Approach. <i>International Journal of Behavioral Medicine</i> , 2015 , 22, 735-47	2.6	5
32	Musculoskeletal examination in young athletes and non-athletes: the Finnish Health Promoting Sports Club (FHPSC) study. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000376	3.4	5
31	Both poor cardiorespiratory and weak muscle fitness are related to a high concentration of oxidized low-density lipoprotein lipids. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012 , 22, 746-55	4.6	5

30	Cardiorespiratory and muscular fitness in young adult Finnish men between 2003 and 2015. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 716-724	4.6	5
29	Relationship between different domains of physical activity and positive mental health among young adult men. <i>BMC Public Health</i> , 2020 , 20, 1116	4.1	5
28	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). <i>BMJ Open Sport and Exercise Medicine</i> , 2019 , 5, e000539	3.4	5
27	Cycling but not walking to work or study is associated with physical fitness, body composition and clustered cardiometabolic risk in young men. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000668	3.4	5
26	Individual- and environmental-related correlates of moderate-to-vigorous physical activity in 11-, 13-, and 15-year-old Finnish children. <i>PLoS ONE</i> , 2020 , 15, e0234686	3.7	4
25	Where to Sit? Type of Sitting Matters for the Framingham Cardiovascular Risk Score. <i>AIMS Public Health</i> , 2016 , 3, 577-591	1.9	4
24	Training Volume and Intensity of Physical Activity among Young Athletes: The Health Promoting Sports Club (HPSC) Study. <i>Advances in Physical Education</i> , 2019 , 09, 270-287	0.5	4
23	Device-based physical activity levels among Finnish adolescents with functional limitations. <i>Disability and Health Journal</i> , 2019 , 12, 114-120	4.2	4
22	LANDING WITH LESS HIP FLEXION IS ASSOCIATED WITH INCREASED RISK OF ACL INJURIES IN YOUNG FEMALE TEAM SPORTS PLAYERS. <i>British Journal of Sports Medicine</i> , 2017 , 51, 350.1-350	10.3	3
21	Evaluation of occupational physical load during 6-month international crisis management operation. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2018 , 31, 185-197	1.5	3
20	Neuromuscular Training Warm-up Prevents Acute Noncontact Lower Extremity Injuries in Children's Soccer: A Cluster Randomized Controlled Trial.. <i>Orthopaedic Journal of Sports Medicine</i> , 2021 , 9, 23259671211005769	3.5	3
19	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. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2020 , 50, 267-274	4.2	3
18	Simple and rationale-providing SMS reminders to promote accelerometer use: a within-trial randomised trial comparing persuasive messages. <i>BMC Public Health</i> , 2018 , 18, 1352	4.1	3
17	Acute and overuse injuries among sports club members and non-members: the Finnish Health Promoting Sports Club (FHPSC) study. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 32	2.8	2
16	The Role of Physical Education Homework to Adolescent Girls' Physical Activity in Finland. <i>Advances in Physical Education</i> , 2019 , 09, 223-239	0.5	2
15	Menstrual dysfunction and body weight dissatisfaction among Finnish young athletes and non-athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 405-417	4.6	2
14	Frequent sit-to-stand transitions and several short standing periods measured by hip-worn accelerometer are associated with smaller waist circumference among adults. <i>Journal of Sports Sciences</i> , 2019 , 37, 1840-1848	3.6	1
13	Physical activity of soldiers during a military field exercise. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20, S113-S114	4.4	1

12	Neuromuscular training warm-up in the prevention of overuse lower extremity injuries in children's football: A cluster-randomized controlled trial. <i>Translational Sports Medicine</i> , 2021 , 4, 849	1.3	1
11	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.. <i>Methods and Protocols</i> , 2021 , 5,	2.5	1
10	Going carless in different urban fabrics: socio-demographics of household car ownership. <i>Transportation</i> ,1	4	0
9	Finnish late adolescents' physical activity during COVID-19 spring 2020 lockdown. <i>BMC Public Health</i> , 2021 , 21, 2197	4.1	0
8	Females Sustain more Ankle Injuries than Males in Youth Football. <i>International Journal of Sports Medicine</i> , 2020 , 41, 1017-1023	3.6	0
7	Standing is associated with insulin sensitivity in adults with metabolic syndrome. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 1255-1260	4.4	0
6	ASSOCIATION BETWEEN FRONTAL PLANE KNEE CONTROL AND ACUTE LOWER EXTREMITY INJURIES. <i>British Journal of Sports Medicine</i> , 2017 , 51, 376.3-377	10.3	
5	FLOORBALL INJURIES DURING INTERNATIONAL TOURNAMENTS. <i>British Journal of Sports Medicine</i> , 2017 , 51, 371.2-371	10.3	
4	Stronger Relationships Between Cardiometabolic Risk Factors and Physical Fitness than Objectively Measured Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 217-217	1.2	
3	Poor Pelvic Control During A Knee Lift Test Is Associated With Increased Risk Of Knee Injuries. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 143-143	1.2	
2	The associations between adolescents'sports club participation and dietary habits. <i>Translational Sports Medicine</i> , 2021 , 4, 617-626	1.3	
1	The associations of oxidized lipoprotein lipids with lipoprotein subclass particle concentrations and their lipid compositions. The Cardiovascular Risk in Young Finns Study. <i>Free Radical Biology and Medicine</i> , 2021 , 162, 225-232	7.8	