

# Urho Kujala

## List of Publications by Year in descending order

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Version: 2024-02-01

379  
papers

18,701  
citations

13865

67  
h-index

20955

115  
g-index

391  
all docs

391  
docs citations

391  
times ranked

17633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scoring of patellofemoral disorders. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1993, 9, 159-163.	2.7	1,079
2	Relationship of Leisure-Time Physical Activity and Mortality. <i>JAMA - Journal of the American Medical Association</i> , 1998, 279, 440.	7.4	481
3	Cumulative Incidence of Achilles Tendon Rupture and Tendinopathy in Male Former Elite Athletes. <i>Clinical Journal of Sport Medicine</i> , 2005, 15, 133-135.	1.8	421
4	Knee osteoarthritis in former runners, soccer players, weight lifters, and shooters. <i>Arthritis and Rheumatism</i> , 1995, 38, 539-546.	6.7	390
5	The Prevalence of Low Back Pain Among Children and Adolescents. <i>Spine</i> , 1997, 22, 1132-1136.	2.0	349
6	Long-term and recent trends in hypertension awareness, treatment, and control in 12 high-income countries: an analysis of 123 nationally representative surveys. <i>Lancet, The</i> , 2019, 394, 639-651.	13.7	325
7	Lone atrial fibrillation in vigorously exercising middle aged men: case-control study. <i>BMJ: British Medical Journal</i> , 1998, 316, 1784-1785.	2.3	285
8	Physical Inactivity and Obesity: A Vicious Circle. <i>Obesity</i> , 2008, 16, 409-414.	3.0	264
9	Osteoarthritis of weight bearing joints of lower limbs in former elite male athletes. <i>BMJ: British Medical Journal</i> , 1994, 308, 231-234.	2.3	252
10	Hamstring Injuries. <i>Sports Medicine</i> , 1997, 23, 397-404.	6.5	241
11	Acute injuries in soccer, ice hockey, volleyball, basketball, judo, and karate: analysis of national registry data. <i>BMJ: British Medical Journal</i> , 1995, 311, 1465-1468.	2.3	240
12	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.	4.2	238
13	Long-Term Prognosis for Jumper's Knee in Male Athletes: Prospective Follow-up Study. <i>American Journal of Sports Medicine</i> , 2002, 30, 689-692.	4.2	235
14	Health benefits of different sport disciplines for adults: systematic review of observational and intervention studies with meta-analysis. <i>British Journal of Sports Medicine</i> , 2015, 49, 434-440.	6.7	234
15	Is it Possible to Prevent Sports Injuries?. <i>Sports Medicine</i> , 2001, 31, 985-995.	6.5	213
16	Genetic Influences on Exercise Participation in 37,051 Twin Pairs from Seven Countries. <i>PLoS ONE</i> , 2006, 1, e22.	2.5	210
17	Osgood-Schlatter's disease in adolescent athletes. <i>American Journal of Sports Medicine</i> , 1985, 13, 236-241.	4.2	195
18	Long-term Leisure-time Physical Activity and Serum Metabolome. <i>Circulation</i> , 2013, 127, 340-348.	1.6	193

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19	Rupture of the Ischial Origin of the Hamstring Muscles. American Journal of Sports Medicine, 1995, 23, 702-705.	4.2	186
20	Modifiable Risk Factors as Predictors of All-Cause Mortality: The Roles of Genetics and Childhood Environment. American Journal of Epidemiology, 2002, 156, 985-993.	3.4	170
21	Low-back pain in adolescent athletes. Medicine and Science in Sports and Exercise, 1996, 28, 165-170.	0.4	149
22	Intrinsic Risk Factors and Athletic Injuries. Sports Medicine, 1990, 9, 205-215.	6.5	148
23	Six-Week Endurance Exercise Alters Gut Metagenome That Is not Reflected in Systemic Metabolism in Over-weight Women. Frontiers in Microbiology, 2018, 9, 2323.	3.5	145
24	Copenhagen Consensus statement 2019: physical activity and ageing. British Journal of Sports Medicine, 2019, 53, 856-858.	6.7	145
25	Associations between long-term physical activity, waist circumference and weight gain: a 30-year longitudinal twin study. International Journal of Obesity, 2008, 32, 353-361.	3.4	136
26	Isokinetic quadriceps and hamstring muscle strength and knee function 5 years after anterior cruciate ligament reconstruction: comparison between bone-patellar tendon-bone and hamstring tendon autografts. Knee Surgery, Sports Traumatology, Arthroscopy, 2008, 16, 1009-1016.	4.2	133
27	Adolescent flexibility, endurance strength, and physical activity as predictors of adult tension neck, low back pain, and knee injury: a 25 year follow up study. British Journal of Sports Medicine, 2006, 40, 107-113.	6.7	131
28	Patellofemoral relationships in recurrent patellar dislocation. Journal of Bone and Joint Surgery: British Volume, 1989, 71-B, 788-792.	3.4	131
29	Postmenopausal hormone replacement therapy modifies skeletal muscle composition and function: a study with monozygotic twin pairs. Journal of Applied Physiology, 2009, 107, 25-33.	2.5	127
30	Angiotensinogen gene M235T polymorphism predicts left ventricular hypertrophy in endurance athletes. Journal of the American College of Cardiology, 1999, 34, 494-499.	2.8	126
31	Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22. Annals of the Rheumatic Diseases, 2011, 70, 349-355.	0.9	126
32	Evidence on the effects of exercise therapy in the treatment of chronic disease. British Journal of Sports Medicine, 2009, 43, 550-555.	6.7	125
33	Subject characteristics and low back pain in young athletes and nonathletes. Medicine and Science in Sports and Exercise, 1992, 24, 627-632.	0.4	121
34	Physical Activity and Osteoporotic Hip Fracture Risk in Men. Archives of Internal Medicine, 2000, 160, 705-8.	3.8	119
35	Lumbar Mobility and Low Back Pain During Adolescence. American Journal of Sports Medicine, 1997, 25, 363-368.	4.2	114
36	Genome Scan for Predisposing Loci for Distal Interphalangeal Joint Osteoarthritis: Evidence for a Locus on 2q. American Journal of Human Genetics, 1999, 65, 1060-1067.	6.2	114

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37	Interventions to Prevent Sports Related Injuries: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. <i>Sports Medicine</i> , 2014, 44, 473-486.	6.5	107
38	Prevalence of diabetes, hypertension, and ischemic heart disease in former elite athletes. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 1255-1260.	3.4	102
39	Patellar motion analyzed by magnetic resonance imaging. <i>Acta Orthopaedica</i> , 1989, 60, 13-16.	1.4	101
40	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , 2020, 586, 769-775.	27.8	101
41	Stability of leisure-time physical activity during adolescence-a longitudinal study among 16-, 17- and 18-year-old Finnish youth. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2002, 12, 179-185.	2.9	95
42	Muscle and bone mass in middle-aged women: role of menopausal status and physical activity. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 698-709.	7.3	95
43	Leisure physical activity and various pain symptoms among adolescents. <i>British Journal of Sports Medicine</i> , 1999, 33, 325-328.	6.7	94
44	Type of sport is related to injury profile: A study on cross country skiers, swimmers, long-distance runners and soccer players. A retrospective 12-month study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 384-393.	2.9	93
45	Factors predisposing to patellar chondropathy and patellar apicitis in athletes. <i>International Orthopaedics</i> , 1986, 10, 195-200.	1.9	92
46	Lower-Limb Function among Former Elite Male Athletes. <i>American Journal of Sports Medicine</i> , 2001, 29, 2-8.	4.2	91
47	Untreated Scheuermann's disease: a 37-year follow-up study. <i>European Spine Journal</i> , 2012, 21, 819-824.	2.2	90
48	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, 232596711774548.	1.7	90
49	Prevention of Sports Injuries. <i>Archives of Internal Medicine</i> , 2007, 167, 1585.	3.8	88
50	All-cause and disease-specific mortality among male, former elite athletes: an average 50-year follow-up. <i>British Journal of Sports Medicine</i> , 2015, 49, 893-897.	6.7	86
51	Familial Aggregation of Leisure-Time Physical Activity - a Three Generation Study. <i>International Journal of Sports Medicine</i> , 1997, 18, 549-556.	1.7	85
52	Back extensor and psoas muscle cross-sectional area, prior physical training, and trunk muscle strength ? a longitudinal study in adolescent girls. <i>European Journal of Applied Physiology</i> , 1997, 77, 66-71.	2.5	85
53	Recommendations for standardization and phenotype definitions in genetic studies of osteoarthritis: the TREAT-OA consortium. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 254-264.	1.3	82
54	Reduced oxidized LDL levels after a 10-month exercise program. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 1496-1501.	0.4	82

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55	Leisure Time Physical Activity in the Young. <i>International Journal of Sports Medicine</i> , 1993, 14, 406-410.	1.7	81
56	Physical loading and performance as predictors of back pain in healthy adults A 5-year prospective study. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996, 73, 452-458.	1.2	79
57	Liver and pancreatic fat content and metabolism in healthy monozygotic twins with discordant physical activity. <i>Journal of Hepatology</i> , 2011, 54, 545-552.	3.7	79
58	Measurement of serum lipid peroxidation during exercise using three different methods: diene conjugation, thiobarbituric acid reactive material and fluorescent chromolipids. <i>Clinica Chimica Acta</i> , 1995, 234, 63-69.	1.1	78
59	Leisure-time physical activity and high-risk fat: a longitudinal population-based twin study. <i>International Journal of Obesity</i> , 2009, 33, 1211-1218.	3.4	78
60	Disc degeneration in young gymnasts. <i>American Journal of Sports Medicine</i> , 1990, 18, 206-208.	4.2	77
61	Knee Injuries in Athletes. <i>Sports Medicine</i> , 1986, 3, 447-460.	6.5	76
62	Ischial Tuberosity Apophysitis and Avulsion Among Athletes. <i>International Journal of Sports Medicine</i> , 1997, 18, 149-155.	1.7	76
63	Occurrence of Chronic Disease in Former Top-Level Athletes. <i>Sports Medicine</i> , 2003, 33, 553-561.	6.5	76
64	Translation, Cross-cultural Adaptation, and Clinimetric Testing of Instruments Used to Assess Patients With Patellofemoral Pain Syndrome in the Brazilian Population. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2013, 43, 332-339.	3.5	76
65	Physical activity as a protective factor for dementia and Alzheimer's disease: systematic review, meta-analysis and quality assessment of cohort and case-control studies. <i>British Journal of Sports Medicine</i> , 2022, 56, 701-709.	6.7	73
66	Ischial Apophysis Injuries in Athletes. <i>Sports Medicine</i> , 1993, 16, 290-294.	6.5	72
67	Evidence for insufficient chondrocytic differentiation during repair of full-thickness defects of articular cartilage. <i>Matrix Biology</i> , 1996, 15, 39-47.	3.6	72
68	Trait-specific tracking and determinants of body composition: a 7-year follow-up study of pubertal growth in girls. <i>BMC Medicine</i> , 2009, 7, 5.	5.5	72
69	Hospital Care in Later Life Among Former World-Class Finnish Athletes. <i>JAMA - Journal of the American Medical Association</i> , 1996, 276, 216.	7.4	71
70	Effects of diet-induced obesity and voluntary wheel running on the microstructure of the murine distal femur. <i>Nutrition and Metabolism</i> , 2011, 8, 1.	3.0	71
71	Adolescent physical fitness and activity as predictors of adulthood activity. <i>Journal of Sports Sciences</i> , 2011, 29, 1135-1141.	2.0	69
72	Serum metabolic profiles in overweight and obese women with and without metabolic syndrome. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 40.	2.7	68

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73	The Older Finnish Twin Cohort – 45 Years of Follow-up. <i>Twin Research and Human Genetics</i> , 2019, 22, 240-254.	0.6	68
74	Magnetic resonance imaging of patellofemoral relationships. <i>Skeletal Radiology</i> , 1993, 22, 403-410.	2.0	67
75	Injury Profile in Ice Hockey from the 1970s through the 1990s in Finland. <i>American Journal of Sports Medicine</i> , 2000, 28, 322-327.	4.2	67
76	Potential Role of Branched-Chain Amino Acid Catabolism in Regulating Fat Oxidation. <i>Exercise and Sport Sciences Reviews</i> , 2013, 41, 194-200.	3.0	67
77	Effect of Therapeutic Aquatic Exercise on Symptoms and Function Associated With Lower Limb Osteoarthritis: Systematic Review With Meta-Analysis. <i>Physical Therapy</i> , 2014, 94, 1383-1395.	2.4	67
78	Associations of physical activity, fitness, and body composition with heart rate variability-based indicators of stress and recovery on workdays: a cross-sectional study. <i>Journal of Occupational Medicine and Toxicology</i> , 2014, 9, 16.	2.2	66
79	Effects of exercise training on oxygen uptake in coronary heart disease: a systematic review and meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 545-555.	2.9	65
80	Differences in Muscle and Adipose Tissue Gene Expression and Cardio-Metabolic Risk Factors in the Members of Physical Activity Discordant Twin Pairs. <i>PLoS ONE</i> , 2010, 5, e12609.	2.5	65
81	Exercise therapy for functional capacity in chronic diseases: an overview of meta-analyses of randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2017, 51, 1459-1465.	6.7	64
82	QT interval and QT dispersion in endurance athletes and in power athletes using large doses of anabolic steroids. <i>American Journal of Cardiology</i> , 1999, 84, 364-366.	1.6	62
83	Physical Activity in Adolescence as a Predictor of Alcohol and Illicit Drug Use in Early Adulthood: A Longitudinal Population-Based Twin Study. <i>Twin Research and Human Genetics</i> , 2009, 12, 261-268.	0.6	62
84	Physical performance in relation to menopause status and physical activity. <i>Menopause</i> , 2018, 25, 1432-1441.	2.0	62
85	ABO blood groups and musculoskeletal injuries. <i>Injury</i> , 1992, 23, 131-133.	1.7	61
86	Effects of Acute Prolonged Exercise on Serum and LDL Oxidation and Antioxidant Defences. <i>Free Radical Biology and Medicine</i> , 1997, 22, 509-513.	2.9	61
87	Physical activity in adulthood: genes and mortality. <i>Scientific Reports</i> , 2015, 5, 18259.	3.3	60
88	Effects of high intensity resistance aquatic training on body composition and walking speed in women with mild knee osteoarthritis: a 4-month RCT with 12-month follow-up. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1238-1246.	1.3	60
89	Relationship between the pivot shift and the configuration of the lateral tibial plateau. <i>Archives of Orthopaedic and Trauma Surgery</i> , 1992, 111, 228-229.	2.4	59
90	Injuries to the Upper Extremity in Ice Hockey. <i>American Journal of Sports Medicine</i> , 2003, 31, 751-757.	4.2	59

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91	GONADOTROPHIN-RELEASING HORMONE AND HUMAN CHORIONIC GONADOTROPHIN TESTS REVEAL THAT BOTH HYPOTHALAMIC AND TESTICULAR ENDOCRINE FUNCTIONS ARE SUPPRESSED DURING ACUTE PROLONGED PHYSICAL EXERCISE. <i>Clinical Endocrinology</i> , 1990, 33, 219-226.	2.4	57
92	Predictors of Weight Change in Middle-aged and Old Men. <i>Obesity</i> , 2000, 8, 367-373.	4.0	57
93	Is physical activity a cause of longevity? It is not as straightforward as some would believe. A critical analysis. <i>British Journal of Sports Medicine</i> , 2018, 52, 914-918.	6.7	56
94	Effects of High-Impact Training on Bone and Articular Cartilage: 12-Month Randomized Controlled Quantitative MRI Study. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 192-201.	2.8	55
95	Motives for physical activity among active and inactive persons in their mid-30s. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 727-735.	2.9	54
96	Disease-Specific Mortality Among Elite Athletes. <i>JAMA - Journal of the American Medical Association</i> , 2001, 285, 44-45.	7.4	54
97	Efficacy of progressive aquatic resistance training for tibiofemoral cartilage in postmenopausal women with mild knee osteoarthritis: a randomised controlled trial. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1708-1717.	1.3	53
98	Lower Limb Asymmetry and Patellofemoral Joint Incongruence in the Etiology of Knee Exertion Injuries in Athletes. <i>International Journal of Sports Medicine</i> , 1987, 08, 214-220.	1.7	52
99	Increased serum and low-density-lipoprotein antioxidant potential after antioxidant supplementation in endurance athletes. <i>American Journal of Clinical Nutrition</i> , 1997, 65, 1052-1056.	4.7	52
100	Health of Master Track and Field Athletes. <i>Clinical Journal of Sport Medicine</i> , 2006, 16, 142-148.	1.8	52
101	Knee arthroscopy and exercise versus exercise only for chronic patellofemoral pain syndrome: a randomized controlled trial. <i>BMC Medicine</i> , 2007, 5, 38.	5.5	52
102	Prevalence and etiological factors of sport-related groin injuries in top-level soccer compared to non-contact sports. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 261-266.	2.4	52
103	Objectively measured physical activity, body composition and physical fitness: Cross-sectional associations in 9- to 15-year-old children. <i>European Journal of Sport Science</i> , 2018, 18, 882-892.	2.7	52
104	Patellofemoral relationships and distal insertion of the vastus medialis muscle: A magnetic resonance imaging study in nonsymptomatic subjects and in patients with patellar dislocation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1992, 8, 465-468.	2.7	51
105	Increased physical activity decreases hepatic free fatty acid uptake: a study in human monozygotic twins. <i>Journal of Physiology</i> , 2007, 578, 347-358.	2.9	50
106	Estrogenic regulation of skeletal muscle proteome: a study of premenopausal women and postmenopausal MZ cotwins discordant for hormonal therapy. <i>Aging Cell</i> , 2017, 16, 1276-1287.	6.7	50
107	Sports Career-Related Musculoskeletal Injuries. <i>Sports Medicine</i> , 2003, 33, 869-875.	6.5	49
108	Subjective stress, objective heart rate variability-based stress, and recovery on workdays among overweight and psychologically distressed individuals: a cross-sectional study. <i>Journal of Occupational Medicine and Toxicology</i> , 2015, 10, 39.	2.2	49

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109	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.	2.9	49
110	Prognostic Relevance of Cardiorespiratory Fitness as Assessed by Submaximal Exercise Testing for All-Cause Mortality: A UK Biobank Prospective Study. <i>Mayo Clinic Proceedings</i> , 2020, 95, 867-878.	3.0	49
111	Design and protocol of Estrogenic Regulation of Muscle Apoptosis (ERMA) study with 47 to 55-year-old women's cohort: novel results show menopause-related differences in blood count. <i>Menopause</i> , 2018, 25, 1020-1032.	2.0	48
112	Physical activity in adolescence and smoking in young adulthood: a prospective twin cohort study. <i>Addiction</i> , 2007, 102, 1151-1157.	3.3	47
113	Leisure-time physical activity and type 2 diabetes during a 28-year follow-up in twins. <i>Diabetologia</i> , 2010, 53, 2531-2537.	6.3	47
114	Hormone replacement therapy enhances IGF-1 signaling in skeletal muscle by diminishing miR-182 and miR-223 expressions: a study on postmenopausal monozygotic twin pairs. <i>Aging Cell</i> , 2014, 13, 850-861.	6.7	47
115	Role of Menopausal Transition and Physical Activity in Loss of Lean and Muscle Mass: A Follow-Up Study in Middle-Aged Finnish Women. <i>Journal of Clinical Medicine</i> , 2020, 9, 1588.	2.4	47
116	Heart attacks and lower-limb function in master endurance athletes. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 1041-1046.	0.4	47
117	Left ventricular mass, geometry, and filling in endurance athletes: association with exercise blood pressure. <i>Journal of Applied Physiology</i> , 1997, 82, 531-537.	2.5	46
118	Prolonged low-back pain in young athletes: a prospective case series study of findings and prognosis. <i>European Spine Journal</i> , 1999, 8, 480-484.	2.2	46
119	Long-Term Leisure Time Physical Activity and Properties of Bone: A Twin Study. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1427-1433.	2.8	46
120	Hospital care in later life among former world-class Finnish athletes. <i>JAMA - Journal of the American Medical Association</i> , 1996, 276, 216-220.	7.4	46
121	Sport injuries as the main cause of sport career termination among Finnish top-level athletes. <i>European Journal of Sport Science</i> , 2012, 12, 274-282.	2.7	45
122	Evidence for exercise therapy in the treatment of chronic disease based on at least three randomized controlled trials - summary of published systematic reviews. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2004, 14, 339-345.	2.9	44
123	Higher Free Fatty Acid Uptake in Visceral Than in Abdominal Subcutaneous Fat Tissue in Men. <i>Obesity</i> , 2010, 18, 261-265.	3.0	44
124	National trends in total cholesterol obscure heterogeneous changes in HDL and non-HDL cholesterol and total-to-HDL cholesterol ratio: a pooled analysis of 458 population-based studies in Asian and Western countries. <i>International Journal of Epidemiology</i> , 2020, 49, 173-192.	1.9	44
125	Physical activity and other risk factors in male twin-pairs discordant for coronary heart disease. <i>Atherosclerosis</i> , 2000, 150, 193-200.	0.8	42
126	Exercise therapy for people with rheumatoid arthritis and osteoarthritis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2004, 14, 138-142.	2.9	42



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127	Allelic variants of IL1R1 gene associate with severe hand osteoarthritis. BMC Medical Genetics, 2010, 11, 50.	2.1	42
128	Physical Activity During Pregnancy: Predictors of Change, Perceived Support and Barriers Among Women at Increased Risk of Gestational Diabetes. Maternal and Child Health Journal, 2014, 18, 2158-2166.	1.5	42
129	Physical activity, body mass index and heart rate variability-based stress and recovery in 16 275 Finnish employees: a cross-sectional study. BMC Public Health, 2016, 16, 701.	2.9	42
130	Accelerometry—Simple, but challenging. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 574-578.	2.9	42
131	Secular trends in aerobic fitness performance in 13-18-year-old adolescents from 1976 to 2001. British Journal of Sports Medicine, 2010, 44, 968-972.	6.7	41
132	Validation and cultural adaptation of the Kujala Score in Spanish. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 2845-2853.	4.2	40
133	Physical Activity. Medicine and Science in Sports and Exercise, 2017, 49, 474-481.	0.4	40
134	Strength characteristics of a healthy urban adult population. European Journal of Applied Physiology and Occupational Physiology, 1991, 63, 43-47.	1.2	39
135	Asthma and other pulmonary diseases in former elite athletes. Thorax, 1996, 51, 288-292.	5.6	39
136	Associations of health-related behaviors, school type and health status to physical activity patterns in 16 year old boys and girls. Scandinavian Journal of Public Health, 1997, 25, 156-167.	0.6	39
137	Factors associated with hip joint rotation in former elite athletes. British Journal of Sports Medicine, 2000, 34, 44-48.	6.7	39
138	Physical activity and dementia: Long-term follow-up study of adult twins. Annals of Medicine, 2015, 47, 81-87.	3.8	39
139	FinnTwin16: A Longitudinal Study from Age 16 of a Population-Based Finnish Twin Cohort. Twin Research and Human Genetics, 2019, 22, 530-539.	0.6	39
140	Genetic liability to osteoarthritis may be greater in women than men. BMJ: British Medical Journal, 1996, 313, 232-232.	2.3	39
141	Eight-year-old children with high cardiorespiratory fitness have lower overall and abdominal fatness. Pediatric Obesity, 2009, 4, 98-105.	3.2	38
142	Low volumetric BMD is linked to upper-limb fracture in pubertal girls and persists into adulthood: A seven-year cohort study. Bone, 2009, 45, 480-486.	2.9	38
143	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
144	Female reproductive factors are associated with objectively measured physical activity in middle-aged women. PLoS ONE, 2017, 12, e0172054.	2.5	38

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145	The effect of endurance exercise at moderate altitude on serum lipid peroxidation and antioxidative functions in humans. <i>European Journal of Applied Physiology</i> , 1997, 75, 396-399.	2.5	37
146	Natural selection to sports, later physical activity habits, and coronary heart disease. <i>British Journal of Sports Medicine</i> , 2000, 34, 445-449.	6.7	37
147	Baseline anthropometry, flexibility and strength characteristics and future low-back pain in adolescent athletes and nonathletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 1994, 4, 200-205.	2.9	36
148	Effects of 32-Year Leisure Time Physical Activity Discordance in Twin Pairs on Health (TWINACTIVE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 108-117.	0.6	36
149	Menopausal Status and Physical Activity Are Independently Associated With Cardiovascular Risk Factors of Healthy Middle-Aged Women: Cross-Sectional and Longitudinal Evidence. <i>Frontiers in Endocrinology</i> , 2019, 10, 589.	3.5	36
150	Combination of hormone replacement therapy and high physical activity is associated with differences in Achilles tendon size in monozygotic female twin pairs. <i>Journal of Applied Physiology</i> , 2009, 106, 1332-1337.	2.5	35
151	Lifetime physical activity and cancer incidence—A cohort study of male former elite athletes in Finland. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 479-484.	1.3	35
152	Physical Activity, Fitness, Glucose Homeostasis, and Brain Morphology in Twins. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 509-518.	0.4	35
153	Variance Components Models for Physical Activity With Age as Modifier: A Comparative Twin Study in Seven Countries. <i>Twin Research and Human Genetics</i> , 2011, 14, 25-34.	0.6	34
154	Leisure-time physical activity and DNA methylation age—a twin study. <i>Clinical Epigenetics</i> , 2019, 11, 12.	4.1	34
155	Gender differences in sport injury risk and types of injuries: a retrospective twelve-month study on cross-country skiers, swimmers, long-distance runners and soccer players. <i>Journal of Sports Science and Medicine</i> , 2009, 8, 443-51.	1.6	34
156	Sports-Related Injuries in Children. <i>International Journal of Sports Medicine</i> , 1989, 10, 81-86.	1.7	33
157	Spinal Cord Injuries in Ice Hockey in Finland and Sweden from 1980 to 1996. <i>International Journal of Sports Medicine</i> , 1999, 20, 64-67.	1.7	33
158	The effectiveness and applicability of different lifestyle interventions for enhancing wellbeing: the study design for a randomized controlled trial for persons with metabolic syndrome risk factors and psychological distress. <i>BMC Public Health</i> , 2014, 14, 310.	2.9	33
159	Metabolic health, menopause, and physical activity—a 4-year follow-up study. <i>International Journal of Obesity</i> , 2022, 46, 544-554.	3.4	33
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