

# Urho Kujala

## List of Publications by Citations

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367  
papers

14,122  
citations

61  
h-index

101  
g-index

391  
ext. papers

16,203  
ext. citations

5.3  
avg. IF

6.32  
L-index

#	Paper	IF	Citations
367	Scoring of patellofemoral disorders. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>1993</b> , 9, 159-63	5.4	904
366	Relationship of leisure-time physical activity and mortality: the Finnish twin cohort. <i>JAMA - Journal of the American Medical Association</i> , <b>1998</b> , 279, 440-4	27.4	367
365	Knee osteoarthritis in former runners, soccer players, weight lifters, and shooters. <i>Arthritis and Rheumatism</i> , <b>1995</b> , 38, 539-46		342
364	Cumulative incidence of achilles tendon rupture and tendinopathy in male former elite athletes. <i>Clinical Journal of Sport Medicine</i> , <b>2005</b> , 15, 133-5	3.2	341
363	The prevalence of low back pain among children and adolescents. A nationwide, cohort-based questionnaire survey in Finland. <i>Spine</i> , <b>1997</b> , 22, 1132-6	3.3	261
362	Lone atrial fibrillation in vigorously exercising middle aged men: case-control study. <i>BMJ: British Medical Journal</i> , <b>1998</b> , 316, 1784-5		221
361	Osteoarthritis of weight bearing joints of lower limbs in former elite male athletes. <i>BMJ: British Medical Journal</i> , <b>1994</b> , 308, 231-4		208
360	Hamstring injuries. Current trends in treatment and prevention. <i>Sports Medicine</i> , <b>1997</b> , 23, 397-404	10.6	193
359	Long-term prognosis for jumper's knee in male athletes. A prospective follow-up study. <i>American Journal of Sports Medicine</i> , <b>2002</b> , 30, 689-92	6.8	192
358	Physical inactivity and obesity: a vicious circle. <i>Obesity</i> , <b>2008</b> , 16, 409-14	8	190
357	Acute injuries in soccer, ice hockey, volleyball, basketball, judo, and karate: analysis of national registry data. <i>BMJ: British Medical Journal</i> , <b>1995</b> , 311, 1465-8		189
356	Genetic influences on exercise participation in 37,051 twin pairs from seven countries. <i>PLoS ONE</i> , <b>2006</b> , 1, e22	3.7	178
355	Stiff Landings Are Associated With Increased ACL Injury Risk in Young Female Basketball and Floorball Players. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 386-393	6.8	175
354	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> , <b>2015</b> , 49, 434-40	10.3	163
353	Rupture of the ischial origin of the hamstring muscles. <i>American Journal of Sports Medicine</i> , <b>1995</b> , 23, 702-5	6.8	163
352	Is it possible to prevent sports injuries? Review of controlled clinical trials and recommendations for future work. <i>Sports Medicine</i> , <b>2001</b> , 31, 985-95	10.6	161
351	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> , <b>2019</b> , 394, 639-651	40	156

350	Osgood-Schlatter's disease in adolescent athletes. Retrospective study of incidence and duration. <i>American Journal of Sports Medicine</i> , <b>1985</b> , 13, 236-41	6.8	154
349	Modifiable risk factors as predictors of all-cause mortality: the roles of genetics and childhood environment. <i>American Journal of Epidemiology</i> , <b>2002</b> , 156, 985-93	3.8	144
348	Long-term leisure-time physical activity and serum metabolome. <i>Circulation</i> , <b>2013</b> , 127, 340-8	16.7	136
347	Low-back pain in adolescent athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>1996</b> , 28, 165-70	1.2	120
346	Intrinsic risk factors and athletic injuries. <i>Sports Medicine</i> , <b>1990</b> , 9, 205-15	10.6	118
345	Postmenopausal hormone replacement therapy modifies skeletal muscle composition and function: a study with monozygotic twin pairs. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 25-33	3.7	116
344	Patellofemoral relationships in recurrent patellar dislocation. <i>Journal of Bone and Joint Surgery: British Volume</i> , <b>1989</b> , 71, 788-92		116
343	Associations between long-term physical activity, waist circumference and weight gain: a 30-year longitudinal twin study. <i>International Journal of Obesity</i> , <b>2008</b> , 32, 353-61	5.5	110
342	Angiotensinogen gene M235T polymorphism predicts left ventricular hypertrophy in endurance athletes. <i>Journal of the American College of Cardiology</i> , <b>1999</b> , 34, 494-9	15.1	110
341	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. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2008</b> , 16, 1009-16	5.5	109
340	Genome scan for predisposing loci for distal interphalangeal joint osteoarthritis: evidence for a locus on 2q. <i>American Journal of Human Genetics</i> , <b>1999</b> , 65, 1060-7	11	106
339	Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 349-55	2.4	102
338	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. <i>British Journal of Sports Medicine</i> , <b>2006</b> , 40, 107-13	10.3	96
337	Evidence on the effects of exercise therapy in the treatment of chronic disease. <i>British Journal of Sports Medicine</i> , <b>2009</b> , 43, 550-5	10.3	95
336	Prevalence of diabetes, hypertension, and ischemic heart disease in former elite athletes. <i>Metabolism: Clinical and Experimental</i> , <b>1994</b> , 43, 1255-60	12.7	94
335	Lumbar mobility and low back pain during adolescence. A longitudinal three-year follow-up study in athletes and controls. <i>American Journal of Sports Medicine</i> , <b>1997</b> , 25, 363-8	6.8	91
334	Physical activity and osteoporotic hip fracture risk in men. <i>Archives of Internal Medicine</i> , <b>2000</b> , 160, 705-8		91
333	Patellar motion analyzed by magnetic resonance imaging. <i>Acta Orthopaedica</i> , <b>1989</b> , 60, 13-6		91

332	Six-Week Endurance Exercise Alters Gut Metagenome That Is not Reflected in Systemic Metabolism in Over-weight Women. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2323	5.7	85
331	Interventions to prevent sports related injuries: a systematic review and meta-analysis of randomised controlled trials. <i>Sports Medicine</i> , <b>2014</b> , 44, 473-86	10.6	82
330	Leisure physical activity and various pain symptoms among adolescents. <i>British Journal of Sports Medicine</i> , <b>1999</b> , 33, 325-8	10.3	82
329	Subject characteristics and low back pain in young athletes and nonathletes. <i>Medicine and Science in Sports and Exercise</i> , <b>1992</b> , 24, 627-632	1.2	80
328	Factors predisposing to patellar chondropathy and patellar apicitis in athletes. <i>International Orthopaedics</i> , <b>1986</b> , 10, 195-200	3.8	80
327	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> , <b>2002</b> , 12, 179-85	4.6	79
326	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> , <b>1995</b> , 234, 63-9	6.2	74
325	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> , <b>2010</b> , 20, 384-93	4.6	73
324	Lower-limb function among former elite male athletes. <i>American Journal of Sports Medicine</i> , <b>2001</b> , 29, 2-8	6.8	73
323	Copenhagen Consensus statement 2019: physical activity and ageing. <i>British Journal of Sports Medicine</i> , <b>2019</b> , 53, 856-858	10.3	71
322	Recommendations for standardization and phenotype definitions in genetic studies of osteoarthritis: the TREAT-OA consortium. <i>Osteoarthritis and Cartilage</i> , <b>2011</b> , 19, 254-64	6.2	71
321	Disc degeneration in young gymnasts. A magnetic resonance imaging study. <i>American Journal of Sports Medicine</i> , <b>1990</b> , 18, 206-8	6.8	71
320	Knee injuries in athletes. Review of exertion injuries and retrospective study of outpatient sports clinic material. <i>Sports Medicine</i> , <b>1986</b> , 3, 447-60	10.6	69
319	Liver and pancreatic fat content and metabolism in healthy monozygotic twins with discordant physical activity. <i>Journal of Hepatology</i> , <b>2011</b> , 54, 545-52	13.4	68
318	Familial aggregation of leisure-time physical activity -- a three generation study. <i>International Journal of Sports Medicine</i> , <b>1997</b> , 18, 549-56	3.6	68
317	Evidence for insufficient chondrocytic differentiation during repair of full-thickness defects of articular cartilage. <i>Matrix Biology</i> , <b>1996</b> , 15, 39-47	11.4	68
316	Reduced oxidized LDL levels after a 10-month exercise program. <i>Medicine and Science in Sports and Exercise</i> , <b>1998</b> , 30, 1496-501	1.2	68
315	Untreated Scheuermann's disease: a 37-year follow-up study. <i>European Spine Journal</i> , <b>2012</b> , 21, 819-24	2.7	66

314	Leisure-time physical activity and high-risk fat: a longitudinal population-based twin study. <i>International Journal of Obesity</i> , <b>2009</b> , 33, 1211-8	5.5	66
313	Leisure time physical activity in the young. Correlation with low-back pain, spinal mobility and trunk muscle strength in 15-year-old school children. <i>International Journal of Sports Medicine</i> , <b>1993</b> , 14, 406-10	3.6	66
312	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> , <b>2017</b> , 5, 2325967117745487	3.5	65
311	Ischial tuberosity apophysitis and avulsion among athletes. <i>International Journal of Sports Medicine</i> , <b>1997</b> , 18, 149-55	3.6	65
310	Trait-specific tracking and determinants of body composition: a 7-year follow-up study of pubertal growth in girls. <i>BMC Medicine</i> , <b>2009</b> , 7, 5	11.4	63
309	Prevention of sports injuries: systematic review of randomized controlled trials. <i>Archives of Internal Medicine</i> , <b>2007</b> , 167, 1585-92		62
308	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> , <b>1996</b> , 73, 452-8		62
307	Ischial apophysis injuries in athletes. <i>Sports Medicine</i> , <b>1993</b> , 16, 290-4	10.6	61
306	Occurrence of chronic disease in former top-level athletes. Predominance of benefits, risks or selection effects?. <i>Sports Medicine</i> , <b>2003</b> , 33, 553-61	10.6	59
305	Magnetic resonance imaging of patellofemoral relationships. <i>Skeletal Radiology</i> , <b>1993</b> , 22, 403-10	2.7	59
304	Effects of acute prolonged exercise on-serum and LDL oxidation and antioxidant defences. <i>Free Radical Biology and Medicine</i> , <b>1997</b> , 22, 509-13	7.8	58
303	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> , <b>1998</b> , 77, 66-71	3.4	57
302	All-cause and disease-specific mortality among male, former elite athletes: an average 50-year follow-up. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 893-7	10.3	55
301	Injury profile in ice hockey from the 1970s through the 1990s in Finland. <i>American Journal of Sports Medicine</i> , <b>2000</b> , 28, 322-7	6.8	54
300	Serum metabolic profiles in overweight and obese women with and without metabolic syndrome. <i>Diabetology and Metabolic Syndrome</i> , <b>2014</b> , 6, 40	5.6	53
299	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> , <b>2014</b> , 9, 16	2.7	53
298	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> , <b>2010</b> , 20, 545-55	4.6	53
297	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> , <b>2009</b> , 12, 261-8	2.2	53

296	Injuries to the upper extremity in ice hockey: analysis of a series of 760 injuries. <i>American Journal of Sports Medicine</i> , <b>2003</b> , 31, 751-7	6.8	53
295	Potential role of branched-chain amino acid catabolism in regulating fat oxidation. <i>Exercise and Sport Sciences Reviews</i> , <b>2013</b> , 41, 194-200	6.7	51
294	QT interval and QT dispersion in endurance athletes and in power athletes using large doses of anabolic steroids. <i>American Journal of Cardiology</i> , <b>1999</b> , 84, 364-6, A9	3	51
293	ABO blood groups and musculoskeletal injuries. <i>Injury</i> , <b>1992</b> , 23, 131-3	2.5	51
292	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> , <b>2013</b> , 43, 332-9	4.2	50
291	Relationship between the pivot shift and the configuration of the lateral tibial plateau. <i>Archives of Orthopaedic and Trauma Surgery</i> , <b>1992</b> , 111, 228-9	3.6	50
290	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> , <b>2010</b> , 5, e12609	3.7	50
289	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> , <b>1990</b> , 33, 219-25	3.4	49
288	Effect of therapeutic aquatic exercise on symptoms and function associated with lower limb osteoarthritis: systematic review with meta-analysis. <i>Physical Therapy</i> , <b>2014</b> , 94, 1383-95	3.3	48
287	Predictors of weight change in middle-aged and old men. <i>Obesity</i> , <b>2000</b> , 8, 367-73		48
286	Effects of diet-induced obesity and voluntary wheel running on the microstructure of the murine distal femur. <i>Nutrition and Metabolism</i> , <b>2011</b> , 8, 1	4.6	47
285	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> , <b>1992</b> , 8, 465-8	5.4	47
284	Leisure-time physical activity and type 2 diabetes during a 28 year follow-up in twins. <i>Diabetologia</i> , <b>2010</b> , 53, 2531-7	10.3	46
283	Increased serum and low-density-lipoprotein antioxidant potential after antioxidant supplementation in endurance athletes. <i>American Journal of Clinical Nutrition</i> , <b>1997</b> , 65, 1052-6	7	46
282	Hospital Care in Later Life Among Former World-Class Finnish Athletes. <i>JAMA - Journal of the American Medical Association</i> , <b>1996</b> , 276, 216	27.4	45
281	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> , <b>2014</b> , 29, 192-201	6.3	44
280	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> , <b>2011</b> , 131, 261-6	3.6	44
279	Adolescent physical fitness and activity as predictors of adulthood activity. <i>Journal of Sports Sciences</i> , <b>2011</b> , 29, 1135-41	3.6	43

278	Physical activity in adolescence and smoking in young adulthood: a prospective twin cohort study. <i>Addiction</i> , <b>2007</b> , 102, 1151-7	4.6	43
277	Health of master track and field athletes: a 16-year follow-up study. <i>Clinical Journal of Sport Medicine</i> , <b>2006</b> , 16, 142-8	3.2	43
276	Lower limb asymmetry and patellofemoral joint incongruence in the etiology of knee exertion injuries in athletes. <i>International Journal of Sports Medicine</i> , <b>1987</b> , 8, 214-20	3.6	43
275	Hospital care in later life among former world-class Finnish athletes. <i>JAMA - Journal of the American Medical Association</i> , <b>1996</b> , 276, 216-220	27.4	43
274	Heart attacks and lower-limb function in master endurance athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>1999</b> , 31, 1041-6	1.2	42
273	Exercise therapy for functional capacity in chronic diseases: an overview of meta-analyses of randomised controlled trials. <i>British Journal of Sports Medicine</i> , <b>2017</b> , 51, 1459-1465	10.3	41
272	Physical activity in adulthood: genes and mortality. <i>Scientific Reports</i> , <b>2015</b> , 5, 18259	4.9	41
271	Prolonged low-back pain in young athletes: a prospective case series study of findings and prognosis. <i>European Spine Journal</i> , <b>1999</b> , 8, 480-4	2.7	41
270	Disease-specific mortality among elite athletes. <i>JAMA - Journal of the American Medical Association</i> , <b>2001</b> , 285, 44-5	27.4	41
269	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> , <b>2017</b> , 25, 1238-1246	6.2	40
268	Motives for physical activity among active and inactive persons in their mid-30s. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2014</b> , 24, 727-35	4.6	40
267	Higher free fatty acid uptake in visceral than in abdominal subcutaneous fat tissue in men. <i>Obesity</i> , <b>2010</b> , 18, 261-5	8	40
266	Long-term leisure time physical activity and properties of bone: a twin study. <i>Journal of Bone and Mineral Research</i> , <b>2009</b> , 24, 1427-33	6.3	40
265	Allelic variants of IL1R1 gene associate with severe hand osteoarthritis. <i>BMC Medical Genetics</i> , <b>2010</b> , 11, 50	2.1	40
264	Increased physical activity decreases hepatic free fatty acid uptake: a study in human monozygotic twins. <i>Journal of Physiology</i> , <b>2007</b> , 578, 347-58	3.9	40
263	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> , <b>2004</b> , 14, 339-45	4.6	40
262	Left ventricular mass, geometry, and filling in endurance athletes: association with exercise blood pressure. <i>Journal of Applied Physiology</i> , <b>1997</b> , 82, 531-7	3.7	39
261	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> , <b>2014</b> , 13, 850-819	8.9	38



260	Knee arthroscopy and exercise versus exercise only for chronic patellofemoral pain syndrome: a randomized controlled trial. <i>BMC Medicine</i> , <b>2007</b> , 5, 38	11.4	38
259	Physical activity and other risk factors in male twin-pairs discordant for coronary heart disease. <i>Atherosclerosis</i> , <b>2000</b> , 150, 193-200	3.1	36
258	Physical performance in relation to menopause status and physical activity. <i>Menopause</i> , <b>2018</b> , 25, 1432-1441	14.1	36
257	Physical Activity: Absolute Intensity versus Relative-to-Fitness-Level Volumes. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 474-481	1.2	35
256	Secular trends in aerobic fitness performance in 13-18-year-old adolescents from 1976 to 2001. <i>British Journal of Sports Medicine</i> , <b>2010</b> , 44, 968-72	10.3	35
255	Associations of health-related behaviors, school type and health status to physical activity patterns in 16 year old boys and girls. <i>Scandinavian Journal of Public Health</i> , <b>1997</b> , 25, 156-67		35
254	Muscle and bone mass in middle-aged women: role of menopausal status and physical activity. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2020</b> , 11, 698-709	10.3	34
253	The effect of endurance exercise at moderate altitude on serum lipid peroxidation and antioxidative functions in humans. <i>European Journal of Applied Physiology</i> , <b>1997</b> , 75, 396-9	3.4	34
252	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> , <b>2016</b> , 24, 1708-1717	6.2	34
251	Low volumetric BMD is linked to upper-limb fracture in pubertal girls and persists into adulthood: a seven-year cohort study. <i>Bone</i> , <b>2009</b> , 45, 480-6	4.7	33
250	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> , <b>2015</b> , 10, 39	2.7	32
249	Exercise therapy for people with rheumatoid arthritis and osteoarthritis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2004</b> , 14, 138-42	4.6	32
248	Factors associated with hip joint rotation in former elite athletes. <i>British Journal of Sports Medicine</i> , <b>2000</b> , 34, 44-8	10.3	32
247	Asthma and other pulmonary diseases in former elite athletes. <i>Thorax</i> , <b>1996</b> , 51, 288-92	7.3	32
246	Genetic liability to osteoarthritis may be greater in women than men. <i>BMJ: British Medical Journal</i> , <b>1996</b> , 313, 232		32
245	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> , <b>2009</b> , 8, 443-51	2.7	32
244	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , <b>2020</b> , 586, 769-775	50.4	32
243	High ankle injury rate in adolescent basketball: A 3-year prospective follow-up study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2017</b> , 27, 643-649	4.6	31



242	Physical activity during pregnancy: predictors of change, perceived support and barriers among women at increased risk of gestational diabetes. <i>Maternal and Child Health Journal</i> , <b>2014</b> , 18, 2158-66	2.4	3 <sup>1</sup>
241	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> , <b>2014</b> , 14, 310	4.1	3 <sup>1</sup>
240	Physical activity and dementia: long-term follow-up study of adult twins. <i>Annals of Medicine</i> , <b>2015</b> , 47, 81-7	1.5	3 <sup>1</sup>
239	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> , <b>2009</b> , 106, 1332-7	3.7	3 <sup>1</sup>
238	Strength characteristics of a healthy urban adult population. <i>European Journal of Applied Physiology and Occupational Physiology</i> , <b>1991</b> , 63, 43-7		3 <sup>1</sup>
237	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> , <b>2018</b> , 18, 882-892	3.9	3 <sup>0</sup>
236	Estrogenic regulation of skeletal muscle proteome: a study of premenopausal women and postmenopausal MZ cotwins discordant for hormonal therapy. <i>Aging Cell</i> , <b>2017</b> , 16, 1276-1287	9.9	3 <sup>0</sup>
235	Effects of 32-year leisure time physical activity discordance in twin pairs on health (TWINACTIVE study): aims, design and results for physical fitness. <i>Twin Research and Human Genetics</i> , <b>2009</b> , 12, 108-17 <sup>2.2</sup>		3 <sup>0</sup>
234	Variance components models for physical activity with age as modifier: a comparative twin study in seven countries. <i>Twin Research and Human Genetics</i> , <b>2011</b> , 14, 25-34	2.2	3 <sup>0</sup>
233	. <i>European Journal of Sport Science</i> , <b>2012</b> , 12, 274-282	3.9	3 <sup>0</sup>
232	Sports career-related musculoskeletal injuries: long-term health effects on former athletes. <i>Sports Medicine</i> , <b>2003</b> , 33, 869-75	10.6	3 <sup>0</sup>
231	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> , <b>2018</b> , 52, 914-918	10.3	2 <sup>9</sup>
230	Global gene expression profiles in skeletal muscle of monozygotic female twins discordant for hormone replacement therapy. <i>Aging Cell</i> , <b>2010</b> , 9, 1098-110	9.9	2 <sup>9</sup>
229	Eight-year-old children with high cardiorespiratory fitness have lower overall and abdominal fatness. <i>Pediatric Obesity</i> , <b>2009</b> , 4, 98-105		2 <sup>9</sup>
228	Increase in physical activity and cardiometabolic risk profile change during lifestyle intervention in primary healthcare: 1-year follow-up study among individuals at high risk for type 2 diabetes. <i>BMJ Open</i> , <b>2011</b> , 1, e000292	3	2 <sup>9</sup>
227	Myocardial blood flow and adenosine A2A receptor density in endurance athletes and untrained men. <i>Journal of Physiology</i> , <b>2008</b> , 586, 5193-202	3.9	2 <sup>9</sup>
226	Sports-related injuries in children. <i>International Journal of Sports Medicine</i> , <b>1989</b> , 10, 81-6	3.6	2 <sup>9</sup>
225	Physical activity, fitness, glucose homeostasis, and brain morphology in twins. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 509-18	1.2	2 <sup>8</sup>

224	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 681-6	3.7	28
223	Secular trends in muscular fitness among Finnish adolescents. <i>Scandinavian Journal of Public Health</i> , <b>2010</b> , 38, 739-47	3	28
222	Associations between self-estimated and measured physical fitness among 40-year-old men and women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2005</b> , 15, 329-35	4.6	28
221	Spinal cord injuries in ice hockey in Finland and Sweden from 1980 to 1996. <i>International Journal of Sports Medicine</i> , <b>1999</b> , 20, 64-7	3.6	28
220	Validation and cultural adaptation of "Kujala Score" in Spanish. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2016</b> , 24, 2845-2853	5.5	27
219	Power training and postmenopausal hormone therapy affect transcriptional control of specific co-regulated gene clusters in skeletal muscle. <i>Age</i> , <b>2010</b> , 32, 347-63		27
218	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> , <b>2007</b> , 4, 200-205	4.6	27
217	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> , <b>2018</b> , 25, 1020-1032	2.5	27
216	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> , <b>2018</b> , 4, e000311	3.4	26
215	Effects of Exercise on Patellar Cartilage in Women with Mild Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1767-74	1.2	26
214	Effects of diet-induced obesity and voluntary wheel running on bone properties in young male C57BL/6J mice. <i>Calcified Tissue International</i> , <b>2010</b> , 86, 411-9	3.9	26
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212	The effect of volleyball playing on the knee extensor mechanism. <i>American Journal of Sports Medicine</i> , <b>1989</b> , 17, 766-9	6.8	26
211	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> , <b>2014</b> , 17, 479-84	4.4	25
210	Genetic influences on change in BMI from middle to old age: a 29-year follow-up study of twin sisters. <i>Behavior Genetics</i> , <b>2009</b> , 39, 154-64	3.2	25
209	Walking ability and all-cause mortality in older women. <i>International Journal of Sports Medicine</i> , <b>2011</b> , 32, 216-22	3.6	25
208	Knee arthroscopy and exercise versus exercise only for chronic patellofemoral pain syndrome: 5-year follow-up. <i>British Journal of Sports Medicine</i> , <b>2012</b> , 46, 243-6	10.3	25
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28	Electrocardiographic indices of left ventricular hypertrophy and repolarization phase share the same genetic influences: a twin study. <i>Annals of Noninvasive Electrocardiology</i> , <b>2009</b> , 14, 346-54	1.5	1
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21	Asthma, allergies and respiratory symptoms in different activity groups of swimmers exercising in swimming halls. <i>BMC Sports Science, Medicine and Rehabilitation</i> , <b>2021</b> , 13, 119	2.4	1
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