

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.

100 papers	1,730 citations	25 h-index	36 g-index
115 ext. papers	2,140 ext. citations	3.1 avg, IF	4.89 L-index

#	Paper	IF	Citations
100	One night of sleep deprivation decreases treadmill endurance performance. <i>European Journal of Applied Physiology</i> , 2009 , 107, 155-61	3.4	124
99	Saliva parameters as potential indices of hydration status during acute dehydration. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 1535-42	1.2	99
98	Characterization of the metabolic demands of simulated shipboard Royal Navy fire-fighting tasks. <i>Ergonomics</i> , 2001 , 44, 766-80	2.9	97
97	Risk factors for training injuries among British Army recruits. <i>Military Medicine</i> , 2008 , 173, 278-86	1.3	64
96	Influences of body composition upon the relative metabolic and cardiovascular demands of load-carriage. <i>Occupational Medicine</i> , 2005 , 55, 380-4	2.1	55
95	Assessment of physical fitness for occupations encompassing load-carriage tasks. <i>Occupational Medicine</i> , 2001 , 51, 357-61	2.1	48
94	Exercise Guidelines to Promote Cardiometabolic Health in Spinal Cord Injured Humans: Time to Raise the Intensity?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017 , 98, 1693-1704	2.8	47
93	A physical demands analysis of the 24-week British Army Parachute Regiment recruit training syllabus. <i>Ergonomics</i> , 2008 , 51, 649-62	2.9	47
92	Foot orthoses in the prevention of injury in initial military training: a randomized controlled trial. <i>American Journal of Sports Medicine</i> , 2011 , 39, 30-7	6.8	45
91	Saliva indices track hypohydration during 48h of fluid restriction or combined fluid and energy restriction. <i>Archives of Oral Biology</i> , 2008 , 53, 975-80	2.8	35
90	Salivary immunoglobulin A response at rest and after exercise following a 48 h period of fluid and/or energy restriction. <i>British Journal of Nutrition</i> , 2007 , 97, 1109-16	3.6	34
89	Low fitness, low body mass and prior injury predict injury risk during military recruit training: a prospective cohort study in the British Army. <i>BMJ Open Sport and Exercise Medicine</i> , 2016 , 2, e000100	3.4	32
88	Predicting physical activity energy expenditure in manual wheelchair users. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1849-58	1.2	31
87	Validity and reliability of a novel 3D scanner for assessment of the shape and volume of amputeesS residual limb models. <i>PLoS ONE</i> , 2017 , 12, e0184498	3.7	30
86	Neuromuscular function following prolonged load carriage on level and downhill gradients. <i>Aviation, Space, and Environmental Medicine</i> , 2010 , 81, 745-53		30
85	Boxing injury epidemiology in the Great Britain team: a 5-year surveillance study of medically diagnosed injury incidence and outcome. <i>British Journal of Sports Medicine</i> , 2015 , 49, 1100-7	10.3	29
84	Endurance running performance after 48 h of restricted fluid and/or energy intake. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 316-22	1.2	29

83	Energy balance components in persons with paraplegia: daily variation and appropriate measurement duration. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 132	8.4	28
82	Measurement of Physical Activity and Energy Expenditure in Wheelchair Users: Methods, Considerations and Future Directions. <i>Sports Medicine - Open</i> , 2017 , 3, 10	6.1	28
81	Development of role-related minimum cardiorespiratory fitness standards for firefighters and commanders. <i>Ergonomics</i> , 2016 , 59, 1335-1343	2.9	27
80	Influence of accelerometer type and placement on physical activity energy expenditure prediction in manual wheelchair users. <i>PLoS ONE</i> , 2015 , 10, e0126086	3.7	27
79	Home-Based Exercise Enhances Health-Related Quality of Life in Persons With Spinal Cord Injury: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 1998-2006.e1	2.8	26
78	Impact of Exercise on Cardiometabolic Component Risks in Spinal Cord-injured Humans. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2469-2477	1.2	26
77	Virtual-reality exergaming improves performance during high-intensity interval training. <i>European Journal of Sport Science</i> , 2019 , 19, 719-727	3.9	26
76	Sport injuries in elite paralympic swimmers with visual impairment. <i>Journal of Athletic Training</i> , 2013 , 48, 493-8	4	25
75	Sports injuries in paralympic track and field athletes with visual impairment. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 908-13	1.2	25
74	Carbohydrate vs protein supplementation for recovery of neuromuscular function following prolonged load carriage. <i>Journal of the International Society of Sports Nutrition</i> , 2010 , 7, 2	4.5	25
73	Functional and Mental Health Status of United Kingdom Military Amputees Postrehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015 , 96, 2048-54	2.8	23
72	The effects of two nights of sleep deprivation with or without energy restriction on immune indices at rest and in response to cold exposure. <i>European Journal of Applied Physiology</i> , 2010 , 109, 417-28	3.4	23
71	Interactive Feedforward for Improving Performance and Maintaining Intrinsic Motivation in VR Exergaming 2018 ,		23
70	No effect of a 30-h period of sleep deprivation on leukocyte trafficking, neutrophil degranulation and saliva IgA responses to exercise. <i>European Journal of Applied Physiology</i> , 2009 , 105, 499-504	3.4	22
69	Physiological Responses to Load Carriage During Level and Downhill Treadmill Walking. <i>Medicina Sportiva</i> , 2009 , 13, 116-124		22
68	Influence of Immediate and Delayed Lower-Limb Amputation Compared with Lower-Limb Salvage on Functional and Mental Health Outcomes Post-Rehabilitation in the U.K. Military. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016 , 98, 1996-2005	5.6	22
67	Physical Employment Standards for UK Firefighters: Minimum Muscular Strength and Endurance Requirements. <i>Journal of Occupational and Environmental Medicine</i> , 2017 , 59, 74-79	2	21
66	Effects of immediate postexercise carbohydrate ingestion with and without protein on neutrophil degranulation. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2011 , 21, 205-13	4.4	21

65	Comparison of the physical demands of single-sex training for male and female recruits in the British Army. <i>Military Medicine</i> , 2012 , 177, 709-15	1.3	19
64	An investigation of a novel three-dimensional activity monitor to predict free-living energy expenditure. <i>Journal of Sports Sciences</i> , 2008 , 26, 553-61	3.6	18
63	The interplay between psychological need satisfaction and psychological need frustration within a work context: A variable and person-oriented approach. <i>Motivation and Emotion</i> , 2020 , 44, 175-189	2.5	16
62	Detecting meaningful body composition changes in athletes using dual-energy x-ray absorptiometry. <i>Physiological Measurement</i> , 2016 , 37, 596-609	2.9	16
61	Biomarkers of cardiometabolic health are associated with body composition characteristics but not physical activity in persons with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2019 , 42, 328-337	1.9	15
60	Sport and exercise genomics: the FIMS 2019 consensus statement update. <i>British Journal of Sports Medicine</i> , 2020 , 54, 969-975	10.3	14
59	The influence of an arduous military training program on immune function and upper respiratory tract infection incidence. <i>Military Medicine</i> , 2006 , 171, 703-9	1.3	14
58	Effect of Exercise on Cardiometabolic Risk Factors in Adults With Chronic Spinal Cord Injury: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020 , 101, 2177-2205	2.8	13
57	Physical Predictors of Elite Skeleton Start Performance. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 81-89	3.5	12
56	Physical and Physiological Performance Determinants of a Firefighting Simulation Test. <i>Journal of Occupational and Environmental Medicine</i> , 2018 , 60, 637-643	2	12
55	Can RSScan footscan() D3D software predict injury in a military population following plantar pressure assessment? A prospective cohort study. <i>Foot</i> , 2014 , 24, 6-10	1.3	12
54	Neuromuscular impairment following backpack load carriage. <i>Journal of Human Kinetics</i> , 2013 , 37, 91-8	2.6	12
53	Within-day and between-days reproducibility of isokinetic parameters of knee, trunk and shoulder movements. <i>Isokinetics and Exercise Science</i> , 2010 , 18, 45-55	0.6	12
52	Development of an accelerometer-based multivariate model to predict free-living energy expenditure in a large military cohort. <i>Journal of Sports Sciences</i> , 2013 , 31, 354-60	3.6	11
51	Relationship between the 2.4-km run and multistage shuttle run test performance in military personnel. <i>Military Medicine</i> , 2014 , 179, 203-7	1.3	11
50	Impact of anatomical placement of an accelerometer on prediction of physical activity energy expenditure in lower-limb amputees. <i>PLoS ONE</i> , 2017 , 12, e0185731	3.7	11
49	Guideline Approaches for Cardioendocrine Disease Surveillance and Treatment Following Spinal Cord Injury. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2018 , 6, 264-276	0.7	11
48	A Longitudinal Examination of Military Veterans' Invictus Games Stress Experiences. <i>Frontiers in Psychology</i> , 2019 , 10, 1934	3.4	10

47	Short-term recovery from prolonged constant pace running in a warm environment: the effectiveness of a carbohydrate-electrolyte solution. <i>European Journal of Applied Physiology</i> , 2000 , 82, 305-12	3.4	9
46	A Task Analysis Methodology for the Development of Minimum Physical Employment Standards. <i>Journal of Occupational and Environmental Medicine</i> , 2016 , 58, 846-51	2	8
45	Predicting ambulatory energy expenditure in lower limb amputees using multi-sensor methods. <i>PLoS ONE</i> , 2019 , 14, e0209249	3.7	7
44	The influence of a home-based exercise intervention on human health indices in individuals with chronic spinal cord injury (HOMEX-SCI): study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 284	2.8	7
43	Influence of upper-body continuous, resistance or high-intensity interval training (CRIT) on postprandial responses in persons with spinal cord injury: study protocol for a randomised controlled trial. <i>Trials</i> , 2019 , 20, 497	2.8	7
42	Two nights of sleep deprivation with or without energy restriction does not impair the thermal response to cold. <i>European Journal of Applied Physiology</i> , 2015 , 115, 2059-68	3.4	7
41	Integrating Transwomen and Female Athletes with Differences of Sex Development (DSD) into Elite Competition: The FIMS 2021 Consensus Statement. <i>Sports Medicine</i> , 2021 , 51, 1401-1415	10.6	7
40	Time-related changes in quality of life in persons with lower limb amputation or spinal cord injury: protocol for a systematic review. <i>Systematic Reviews</i> , 2019 , 8, 191	3	6
39	Recommendations for return to sport during the SARS-CoV-2 pandemic. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000858	3.4	6
38	Applications and limitations of current markerless motion capture methods for clinical gait biomechanics.. <i>PeerJ</i> , 2022 , 10, e12995	3.1	6
37	The Design and Manufacture of a Prototype Personalized Liner for Lower Limb Amputees. <i>Procedia CIRP</i> , 2017 , 60, 476-481	1.8	5
36	Military veteran athletesSexperiences of competing at the 2016 Invictus Games: a qualitative study. <i>Disability and Rehabilitation</i> , 2021 , 43, 3552-3561	2.4	5
35	The effect of altering loading distance on skeleton start performance: Is higher pre-load velocity always beneficial?. <i>Journal of Sports Sciences</i> , 2018 , 36, 1930-1936	3.6	5
34	Training-Related Changes in Force-Power Profiles: Implications for the Skeleton Start. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 412-419	3.5	5
33	The effect of anatomical placement and trunk adiposity on the reliability and validity of triaxial accelerometer output during treadmill exercise. <i>Journal of Physical Activity and Health</i> , 2013 , 10, 1193-200	2.5	5
32	Neutrophil-degranulation and lymphocyte-subset response after 48 hr of fluid and/or energy restriction. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2008 , 18, 443-56	4.4	5
31	A personalised prosthetic liner with embedded sensor technology: a case study. <i>BioMedical Engineering OnLine</i> , 2020 , 19, 71	4.1	5
30	Cardiovascular Health Benefits of Exercise in People With Spinal Cord Injury: More Complex Than a Prescribed Exercise Intervention?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1038	2.8	5

29	Validity and Reliability of Firefighting Simulation Test Performance. <i>Journal of Occupational and Environmental Medicine</i> , 2019 , 61, 479-483	2	5
28	Physiological responses to moderate intensity continuous and high-intensity interval exercise in persons with paraplegia. <i>Spinal Cord</i> , 2021 , 59, 26-33	2.7	5
27	Response to the United Nations Human Rights Council's Report on Race and Gender Discrimination in Sport: An Expression of Concern and a Call to Prioritise Research. <i>Sports Medicine</i> , 2021 , 51, 839-842	10.6	5
26	Skeleton sled velocity profiles: a novel approach to understand critical aspects of the elite athletes' start phases. <i>Sports Biomechanics</i> , 2018 , 17, 168-179	2.2	5
25	Effect of a physical activity and behaviour maintenance programme on functional mobility decline in older adults: the REACT (Retirement in Action) randomised controlled trial.. <i>Lancet Public Health</i> , 2022 , 7, e316-e326	22.4	5
24	Gender Differences in the Physical Demands of British Army Officer Cadet Training. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, S273	1.2	4
23	Viability of high intensity interval training in persons with spinal cord injury-a perspective review. <i>Spinal Cord</i> , 2021 , 59, 3-8	2.7	4
22	Infographic. Clinical recommendations for return to play during the COVID-19 pandemic. <i>British Journal of Sports Medicine</i> , 2021 , 55, 344-345	10.3	4
21	Joint position statement of the International Federation of Sports Medicine (FIMS) and European Federation of Sports Medicine Associations (EFSMA) on the IOC framework on fairness, inclusion and non-discrimination based on gender identity and sex variations.. <i>BMJ Open Sport and Exercise Medicine</i> , 2022 , 8, e001273	3.4	3
20	Impact of Moderate-intensity Exercise on Metabolic Health and Aerobic Capacity in Persons with Chronic Paraplegia. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 430	1.2	3
19	Cost-effectiveness of a physical activity and behaviour maintenance programme on functional mobility decline in older adults: an economic evaluation of the REACT (Retirement in Action) trial.. <i>Lancet Public Health</i> , 2022 , 7, e327-e334	22.4	3
18	Influence Of Preconditioning On British Army Infantry Training Outcome. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S238	1.2	2
17	Implementation of Physical Employment Standards for Physically Demanding Occupations. <i>Journal of Occupational and Environmental Medicine</i> , 2020 , 62, 647-653	2	2
16	Effect of carbohydrate-protein supplementation on endurance training adaptations. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2273-2287	3.4	2
15	Lifestyle behaviours and perceived well-being in different fire service roles. <i>Occupational Medicine</i> , 2018 , 68, 537-543	2.1	2
14	The test-retest reliability of the Military Physical Loading Questionnaire (MPLQ). <i>BMJ Military Health</i> , 2020 ,	1	1
13	Post-Exercise Protein Trial: Interactions between Diet and Exercise (PEPTIDE): study protocol for randomized controlled trial. <i>Trials</i> , 2014 , 15, 459	2.8	1
12	Smoking and Biochemical, Performance, and Muscle Adaptation to Military Training. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1201-1209	1.2	1

11	Effect of high-intensity interval training on cardiometabolic component risks in persons with paraplegia: Protocol for a randomized controlled trial. <i>Experimental Physiology</i> , 2021 , 106, 1159-1165	2.4	1
10	Human Movement Science in The Wild: Can Current Deep-Learning Based Pose Estimation Free Us from The Lab?		1
9	A cross-sectional comparison between cardiorespiratory fitness, level of lesion and red blood cell distribution width in adults with chronic spinal cord injury. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 106-111	4.4	1
8	A Single Bout of Upper-Body Exercise Has No Effect on Postprandial Metabolism in Persons with Chronic Paraplegia. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1041-1049	1.2	1
7	Effects of Exercise Mode on Postprandial Metabolism in Humans with Chronic Paraplegia. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1495-1504	1.2	1
6	Neither Postabsorptive Resting Nor Postprandial Fat Oxidation Are Related to Peak Fat Oxidation in Men With Chronic Paraplegia. <i>Frontiers in Nutrition</i> , 2021 , 8, 703652	6.2	0
5	Streaming by Sex in British Army Initial Training. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S159-S160	1.2	
4	Effects Of Different Forms Of Exercise On Metabolism Following Short-term Overfeeding And Reduced Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 345-345	1.2	
3	Human Skeletal Muscle Mrna Expression In Response To Treadmill-based Endurance Training And Post-exercise Protein Supplementation. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 109-109	1.2	
2	Effect of Exercise Mode and Intensity on Subsequent Postprandial Carbohydrate and Fat Metabolism in Persons with Spinal Cord Injury. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 748-748	1.2	
1	Influence Of Injury Severity And Recovery Environment On Physical Activity And Function Following Lower-limb Amputation. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 675-675	1.2	