

# James Bilzon

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5602954/james-bilzon-publications-by-year.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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	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> , <b>2022</b> , 8, e001273	3.4	3
99	Applications and limitations of current markerless motion capture methods for clinical gait biomechanics.. <i>PeerJ</i> , <b>2022</b> , 10, e12995	3.1	6
98	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, The</i> , <b>2022</b> , 7, e316-e326	22.4	5
97	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, The</i> , <b>2022</b> , 7, e327-e334	22.4	3
96	Military veteran athletesSexperiences of competing at the 2016 Invictus Games: a qualitative study. <i>Disability and Rehabilitation</i> , <b>2021</b> , 43, 3552-3561	2.4	5
95	Integrating Transwomen and Female Athletes with Differences of Sex Development (DSD) into Elite Competition: The FIMS 2021 Consensus Statement. <i>Sports Medicine</i> , <b>2021</b> , 51, 1401-1415	10.6	7
94	Effect of high-intensity interval training on cardiometabolic component risks in persons with paraplegia: Protocol for a randomized controlled trial. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1159-1165	2.4	1
93	Neither Postabsorptive Resting Nor Postprandial Fat Oxidation Are Related to Peak Fat Oxidation in Men With Chronic Paraplegia. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 703652	6.2	0
92	Viability of high intensity interval training in persons with spinal cord injury-a perspective review. <i>Spinal Cord</i> , <b>2021</b> , 59, 3-8	2.7	4
91	Physiological responses to moderate intensity continuous and high-intensity interval exercise in persons with paraplegia. <i>Spinal Cord</i> , <b>2021</b> , 59, 26-33	2.7	5
90	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> , <b>2021</b> , 51, 839-842	10.6	5
89	Infographic. Clinical recommendations for return to play during the COVID-19 pandemic. <i>British Journal of Sports Medicine</i> , <b>2021</b> , 55, 344-345	10.3	4
88	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> , <b>2021</b> , 53, 1041-1049	1.2	1
87	Effects of Exercise Mode on Postprandial Metabolism in Humans with Chronic Paraplegia. <i>Medicine and Science in Sports and Exercise</i> , <b>2021</b> , 53, 1495-1504	1.2	1
86	Sport and exercise genomics: the FIMS 2019 consensus statement update. <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 969-975	10.3	14
85	The test-retest reliability of the Military Physical Loading Questionnaire (MPLQ). <i>BMJ Military Health</i> , <b>2020</b> ,	1	1
84	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> , <b>2020</b> , 52, 345-345	1.2	

83	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> , <b>2020</b> , 52, 109-109	1.2	
82	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> , <b>2020</b> , 52, 675-675	1.2	
81	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> , <b>2020</b> , 101, 2177-2205	2.8	13
80	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> , <b>2020</b> , 44, 175-189	2.5	16
79	Smoking and Biochemical, Performance, and Muscle Adaptation to Military Training. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 1201-1209	1.2	1
78	Implementation of Physical Employment Standards for Physically Demanding Occupations. <i>Journal of Occupational and Environmental Medicine</i> , <b>2020</b> , 62, 647-653	2	2
77	Effect of carbohydrate-protein supplementation on endurance training adaptations. <i>European Journal of Applied Physiology</i> , <b>2020</b> , 120, 2273-2287	3.4	2
76	Recommendations for return to sport during the SARS-CoV-2 pandemic. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2020</b> , 6, e000858	3.4	6
75	A personalised prosthetic liner with embedded sensor technology: a case study. <i>BioMedical Engineering OnLine</i> , <b>2020</b> , 19, 71	4.1	5
74	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> , <b>2020</b> , 23, 106-111	4.4	1
73	A Longitudinal Examination of Military VeteransSlivictus Games Stress Experiences. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 1934	3.4	10
72	Predicting ambulatory energy expenditure in lower limb amputees using multi-sensor methods. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209249	3.7	7
71	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> , <b>2019</b> , 20, 497	2.8	7
70	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> , <b>2019</b> , 8, 191	3	6
69	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> , <b>2019</b> , 51, 748-748	1.2	13
68	Validity and Reliability of Firefighting Simulation Test Performance. <i>Journal of Occupational and Environmental Medicine</i> , <b>2019</b> , 61, 479-483	2	5
67	Virtual-reality exergaming improves performance during high-intensity interval training. <i>European Journal of Sport Science</i> , <b>2019</b> , 19, 719-727	3.9	26
66	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> , <b>2019</b> , 42, 328-337	1.9	15

65	Physical and Physiological Performance Determinants of a Firefighting Simulation Test. <i>Journal of Occupational and Environmental Medicine</i> , <b>2018</b> , 60, 637-643	2	12
64	The effect of altering loading distance on skeleton start performance: Is higher pre-load velocity always beneficial?. <i>Journal of Sports Sciences</i> , <b>2018</b> , 36, 1930-1936	3.6	5
63	Training-Related Changes in Force-Power Profiles: Implications for the Skeleton Start. <i>International Journal of Sports Physiology and Performance</i> , <b>2018</b> , 13, 412-419	3.5	5
62	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> , <b>2018</b> , 99, 1998-2006.e1	2.8	26
61	Skeleton sled velocity profiles: a novel approach to understand critical aspects of the elite athletes' start phases. <i>Sports Biomechanics</i> , <b>2018</b> , 17, 168-179	2.2	5
60	Guideline Approaches for Cardioendocrine Disease Surveillance and Treatment Following Spinal Cord Injury. <i>Current Physical Medicine and Rehabilitation Reports</i> , <b>2018</b> , 6, 264-276	0.7	11
59	Lifestyle behaviours and perceived well-being in different fire service roles. <i>Occupational Medicine</i> , <b>2018</b> , 68, 537-543	2.1	2
58	Interactive Feedforward for Improving Performance and Maintaining Intrinsic Motivation in VR Exergaming <b>2018</b> ,		23
57	Exercise Guidelines to Promote Cardiometabolic Health in Spinal Cord Injured Humans: Time to Raise the Intensity?. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2017</b> , 98, 1693-1704	2.8	47
56	The Design and Manufacture of a Prototype Personalized Liner for Lower Limb Amputees. <i>Procedia CIRP</i> , <b>2017</b> , 60, 476-481	1.8	5
55	Physical Employment Standards for UK Firefighters: Minimum Muscular Strength and Endurance Requirements. <i>Journal of Occupational and Environmental Medicine</i> , <b>2017</b> , 59, 74-79	2	21
54	Physical Predictors of Elite Skeleton Start Performance. <i>International Journal of Sports Physiology and Performance</i> , <b>2017</b> , 12, 81-89	3.5	12
53	Validity and reliability of a novel 3D scanner for assessment of the shape and volume of amputees' residual limb models. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184498	3.7	30
52	Energy balance components in persons with paraplegia: daily variation and appropriate measurement duration. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2017</b> , 14, 132	8.4	28
51	Impact of Exercise on Cardiometabolic Component Risks in Spinal Cord-injured Humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2469-2477	1.2	26
50	Measurement of Physical Activity and Energy Expenditure in Wheelchair Users: Methods, Considerations and Future Directions. <i>Sports Medicine - Open</i> , <b>2017</b> , 3, 10	6.1	28
49	Impact of anatomical placement of an accelerometer on prediction of physical activity energy expenditure in lower-limb amputees. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185731	3.7	11
48	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> , <b>2016</b> , 17, 284	2.8	7

47	A Task Analysis Methodology for the Development of Minimum Physical Employment Standards. <i>Journal of Occupational and Environmental Medicine</i> , <b>2016</b> , 58, 846-51	2	8
46	Development of role-related minimum cardiorespiratory fitness standards for firefighters and commanders. <i>Ergonomics</i> , <b>2016</b> , 59, 1335-1343	2.9	27
45	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> , <b>2016</b> , 48, 430	1.2	3
44	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> , <b>2016</b> , 2, e000100	3.4	32
43	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> , <b>2016</b> , 98, 1996-2005	5.6	22
42	Detecting meaningful body composition changes in athletes using dual-energy x-ray absorptiometry. <i>Physiological Measurement</i> , <b>2016</b> , 37, 596-609	2.9	16
41	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> , <b>2016</b> , 97, 1038	2.8	5
40	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> , <b>2015</b> , 49, 1100-7	10.3	29
39	Functional and Mental Health Status of United Kingdom Military Amputees Postrehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2015</b> , 96, 2048-54	2.8	23
38	Influence of accelerometer type and placement on physical activity energy expenditure prediction in manual wheelchair users. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126086	3.7	27
37	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> , <b>2015</b> , 115, 2059-68	3.4	7
36	Predicting physical activity energy expenditure in manual wheelchair users. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1849-58	1.2	31
35	Relationship between the 2.4-km run and multistage shuttle run test performance in military personnel. <i>Military Medicine</i> , <b>2014</b> , 179, 203-7	1.3	11
34	Post-Exercise Protein Trial: Interactions between Diet and Exercise (PEPTIDE): study protocol for randomized controlled trial. <i>Trials</i> , <b>2014</b> , 15, 459	2.8	1
33	Can RSScan footscan( ) D3D software predict injury in a military population following plantar pressure assessment? A prospective cohort study. <i>Foot</i> , <b>2014</b> , 24, 6-10	1.3	12
32	Development of an accelerometer-based multivariate model to predict free-living energy expenditure in a large military cohort. <i>Journal of Sports Sciences</i> , <b>2013</b> , 31, 354-60	3.6	11
31	Sport injuries in elite paralympic swimmers with visual impairment. <i>Journal of Athletic Training</i> , <b>2013</b> , 48, 493-8	4	25
30	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> , <b>2013</b> , 10, 1193-200	2.5	5

29	Sports injuries in paralympic track and field athletes with visual impairment. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 908-13	1.2	25
28	Neuromuscular impairment following backpack load carriage. <i>Journal of Human Kinetics</i> , <b>2013</b> , 37, 91-8	2.6	12
27	Comparison of the physical demands of single-sex training for male and female recruits in the British Army. <i>Military Medicine</i> , <b>2012</b> , 177, 709-15	1.3	19
26	Effects of immediate postexercise carbohydrate ingestion with and without protein on neutrophil degranulation. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2011</b> , 21, 205-13	4.4	21
25	Foot orthoses in the prevention of injury in initial military training: a randomized controlled trial. <i>American Journal of Sports Medicine</i> , <b>2011</b> , 39, 30-7	6.8	45
24	Within-day and between-days reproducibility of isokinetic parameters of knee, trunk and shoulder movements. <i>Isokinetics and Exercise Science</i> , <b>2010</b> , 18, 45-55	0.6	12
23	Neuromuscular function following prolonged load carriage on level and downhill gradients. <i>Aviation, Space, and Environmental Medicine</i> , <b>2010</b> , 81, 745-53		30
22	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> , <b>2010</b> , 109, 417-28	3.4	23
21	Carbohydrate vs protein supplementation for recovery of neuromuscular function following prolonged load carriage. <i>Journal of the International Society of Sports Nutrition</i> , <b>2010</b> , 7, 2	4.5	25
20	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> , <b>2009</b> , 105, 499-504	3.4	22
19	One night of sleep deprivation decreases treadmill endurance performance. <i>European Journal of Applied Physiology</i> , <b>2009</b> , 107, 155-61	3.4	124
18	Physiological Responses to Load Carriage During Level and Downhill Treadmill Walking. <i>Medicina Sportiva</i> , <b>2009</b> , 13, 116-124		22
17	Saliva indices track hypohydration during 48h of fluid restriction or combined fluid and energy restriction. <i>Archives of Oral Biology</i> , <b>2008</b> , 53, 975-80	2.8	35
16	An investigation of a novel three-dimensional activity monitor to predict free-living energy expenditure. <i>Journal of Sports Sciences</i> , <b>2008</b> , 26, 553-61	3.6	18
15	A physical demands analysis of the 24-week British Army Parachute Regiment recruit training syllabus. <i>Ergonomics</i> , <b>2008</b> , 51, 649-62	2.9	47
14	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> , <b>2008</b> , 18, 443-56	4.4	5
13	Streaming by Sex in British Army Initial Training. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, S159-S160	1.2	
12	Risk factors for training injuries among British Army recruits. <i>Military Medicine</i> , <b>2008</b> , 173, 278-86	1.3	64

11	Influence Of Preconditioning On British Army Infantry Training Outcome. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, S238	1.2	2
10	Endurance running performance after 48 h of restricted fluid and/or energy intake. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 316-22	1.2	29
9	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> , <b>2007</b> , 97, 1109-16	3.6	34
8	The influence of an arduous military training program on immune function and upper respiratory tract infection incidence. <i>Military Medicine</i> , <b>2006</b> , 171, 703-9	1.3	14
7	Gender Differences in the Physical Demands of British Army Officer Cadet Training. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, S273	1.2	4
6	Influences of body composition upon the relative metabolic and cardiovascular demands of load-carriage. <i>Occupational Medicine</i> , <b>2005</b> , 55, 380-4	2.1	55
5	Saliva parameters as potential indices of hydration status during acute dehydration. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 1535-42	1.2	99
4	Assessment of physical fitness for occupations encompassing load-carriage tasks. <i>Occupational Medicine</i> , <b>2001</b> , 51, 357-61	2.1	48
3	Characterization of the metabolic demands of simulated shipboard Royal Navy fire-fighting tasks. <i>Ergonomics</i> , <b>2001</b> , 44, 766-80	2.9	97
2	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> , <b>2000</b> , 82, 305-12	3.4	9
1	Human Movement Science in The Wild: Can Current Deep-Learning Based Pose Estimation Free Us from The Lab?		1