

# Bradley C Nindl

## List of Publications by Year in descending order

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182  
papers

6,375  
citations

46984

47  
h-index

79644

73  
g-index

185  
all docs

185  
docs citations

185  
times ranked

5355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of heavy-resistance training on hormonal response patterns in younger vs. older men. <i>Journal of Applied Physiology</i> , 1999, 87, 982-992.	1.2	374
2	Physiological Consequences of U.S. Army Ranger Training. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1380-1387.	0.2	205
3	Effect of resistance training on women's strength/power and occupational performances. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 1011-1025.	0.2	189
4	Low-volume circuit versus high-volume periodized resistance training in women. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 635-643.	0.2	182
5	Resistance training improves strength and functional measures in patients with end-stage renal disease. <i>American Journal of Kidney Diseases</i> , 2002, 40, 355-364.	2.1	169
6	Resistance Exercise Biology. <i>Sports Medicine</i> , 2008, 38, 527-540.	3.1	169
7	Hormonal Responses of Multiset Versus Single-Set Heavy-Resistance Exercise Protocols. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1997, 22, 244-255.	1.7	161
8	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	13.5	147
9	Randomized, double-blind, placebo-controlled trial of iron supplementation in female soldiers during military training: effects on iron status, physical performance, and mood. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 124-131.	2.2	146
10	Growth Hormone(s), Testosterone, Insulin-Like Growth Factors, and Cortisol: Roles and Integration for Cellular Development and Growth With Exercise. <i>Frontiers in Endocrinology</i> , 2020, 11, 33.	1.5	141
11	Physical performance responses during 72 h of military operational stress. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1814-1822.	0.2	123
12	Influence of exercise mode and osteogenic index on bone biomarker responses during short-term physical training. <i>Bone</i> , 2009, 45, 768-776.	1.4	117
13	Changes in Muscle Hypertrophy in Women with Periodized Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 697-708.	0.2	112
14	Consortium for Health and Military Performance and American College of Sports Medicine Consensus Paper on Extreme Conditioning Programs in Military Personnel. <i>Current Sports Medicine Reports</i> , 2011, 10, 383-389.	0.5	110
15	Recovery responses of testosterone, growth hormone, and IGF-1 after resistance exercise. <i>Journal of Applied Physiology</i> , 2017, 122, 549-558.	1.2	106
16	The effect of heavy resistance exercise on the circadian rhythm of salivary testosterone in men. <i>European Journal of Applied Physiology</i> , 2001, 84, 13-18.	1.2	101
17	Combined resistance and endurance training improves physical capacity and performance on tactical occupational tasks. <i>European Journal of Applied Physiology</i> , 2010, 109, 1197-1208.	1.2	97
18	Overnight responses of the circulating IGF-I system after acute, heavy-resistance exercise. <i>Journal of Applied Physiology</i> , 2001, 90, 1319-1326.	1.2	95

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19	Effects of Concurrent Resistance and Aerobic Training on Load-Bearing Performance and the Army Physical Fitness Test. <i>Military Medicine</i> , 2004, 169, 994-999.	0.4	94
20	Gender differences in regional body composition and somatotrophic influences of IGF-I and leptin. <i>Journal of Applied Physiology</i> , 2002, 92, 1611-1618.	1.2	88
21	Physiological Employment Standards III: physiological challenges and consequences encountered during international military deployments. <i>European Journal of Applied Physiology</i> , 2013, 113, 2655-2672.	1.2	87
22	Perspectives on resilience for military readiness and preparedness: Report of an international military physiology roundtable. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1116-1124.	0.6	85
23	Regional body composition changes in women after 6 months of periodized physical training. <i>Journal of Applied Physiology</i> , 2000, 88, 2251-2259.	1.2	79
24	Prediction of Simulated Battlefield Physical Performance from Field-Expedient Tests. <i>Military Medicine</i> , 2008, 173, 36-41.	0.4	73
25	Effects of resistance training on neuromuscular junction morphology. <i>Muscle and Nerve</i> , 2000, 23, 1576-1581.	1.0	71
26	Operational Physical Performance and Fitness in Military Women: Physiological, Musculoskeletal Injury, and Optimized Physical Training Considerations for Successfully Integrating Women Into Combat-Centric Military Occupations. <i>Military Medicine</i> , 2016, 181, 50-62.	0.4	71
27	Recovery of Endocrine and Inflammatory Mediators Following an Extended Energy Deficit. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 956-964.	1.8	70
28	Resistance training combined with bench-step aerobics enhances women's health profile. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 259-269.	0.2	66
29	Perspectives on Aerobic and Strength Influences on Military Physical Readiness. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S10-S23.	1.0	66
30	Utility of circulating IGF-I as a biomarker for assessing body composition changes in men during periods of high physical activity superimposed upon energy and sleep restriction. <i>Journal of Applied Physiology</i> , 2007, 103, 340-346.	1.2	65
31	Elevated endogenous testosterone concentrations potentiate muscle androgen receptor responses to resistance exercise. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 114, 195-199.	1.2	65
32	Effects of dietary protein content on IGF-I, testosterone, and body composition during 8 days of severe energy deficit and arduous physical activity. <i>Journal of Applied Physiology</i> , 2008, 105, 58-64.	1.2	64
33	Executive Summary From the National Strength and Conditioning Association's Second Blue Ribbon Panel on Military Physical Readiness. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S216-S220.	1.0	61
34	Growth hormone pulsatility profile characteristics following acute heavy resistance exercise. <i>Journal of Applied Physiology</i> , 2001, 91, 163-172.	1.2	58
35	Moderate protein intake improves total and regional body composition and insulin sensitivity in overweight adults. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 757-765.	1.5	58
36	Characteristics of circulating growth hormone in women after acute heavy resistance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E878-E887.	1.8	54

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37	Differential responses of IGF-I molecular complexes to military operational field training. <i>Journal of Applied Physiology</i> , 2003, 95, 1083-1089.	1.2	54
38	Histological and molecular analysis of the biceps tendon long head postâ€ttenotomy. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1379-1385.	1.2	54
39	Effects of exercise training on the matrix metalloprotease response to acute exercise. <i>European Journal of Applied Physiology</i> , 2009, 106, 655-663.	1.2	54
40	Exercise Training Improves HR Responses and VĖ™O <sub>2</sub> peak in Predialysis Kidney Patients. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2392-2399.	0.2	54
41	PGC-1 isoforms and their target genes are expressed differently in human skeletal muscle following resistance and endurance exercise. <i>Physiological Reports</i> , 2015, 3, e12563.	0.7	54
42	LH secretion and testosterone concentrations are blunted after resistance exercise in men. <i>Journal of Applied Physiology</i> , 2001, 91, 1251-1258.	1.2	53
43	A double-blind, placebo-controlled test of 2 d of calorie deprivation: effects on cognition, activity, sleep, and interstitial glucose concentrations. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 667-676.	2.2	53
44	Biological constraints that limit compensation of a common skeletal trait variant lead to inequivalence of tibial function among healthy young adults. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2872-2885.	3.1	52
45	Leptin concentrations experience a delayed reduction after resistance exercise in men. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 608-613.	0.2	51
46	IGF-I system responses during 12 weeks of resistance training in end-stage renal disease patients. <i>Growth Hormone and IGF Research</i> , 2004, 14, 245-250.	0.5	50
47	Altered secretion of growth hormone and luteinizing hormone after 84 h of sustained physical exertion superimposed on caloric and sleep restriction. <i>Journal of Applied Physiology</i> , 2006, 100, 120-128.	1.2	50
48	Circulating IGF-I is associated with fitness and health outcomes in a population of 846 young healthy men. <i>Growth Hormone and IGF Research</i> , 2011, 21, 124-128.	0.5	48
49	Growth Hormone Molecular Heterogeneity and Exercise. <i>Exercise and Sport Sciences Reviews</i> , 2003, 31, 161-166.	1.6	44
50	Reliability Assessment of Two Militarily Relevant Occupational Physical Performance Tests. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2003, 28, 27-37.	1.7	41
51	Lymphocyte proliferation in response to acute heavy resistance exercise in women: influence of muscle strength and total work. <i>European Journal of Applied Physiology</i> , 2001, 85, 367-373.	1.2	39
52	Chronic resistance training in women potentiates growth hormone in vivo bioactivity: characterization of molecular mass variants. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E1177-E1187.	1.8	39
53	Regional fat placement in physically fit males and changes with weight loss. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 786-793.	0.2	39
54	Exercise type and volume alter signaling pathways regulating skeletal muscle glucose uptake and protein synthesis. <i>European Journal of Applied Physiology</i> , 2015, 115, 1835-1845.	1.2	38

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55	Human Performance Optimization Metrics. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S221-S245.	1.0	36
56	Energy flux, more so than energy balance, protein intake, or fitness level, influences insulin-like growth factor-I system responses during 7 days of increased physical activity. <i>Journal of Applied Physiology</i> , 2007, 103, 1613-1621.	1.2	35
57	Effects of Elevated Circulating Hormones on Resistance Exercise-Induced Akt Signaling. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1039-1048.	0.2	35
58	Growth Hormone, Exercise, and Athletic Performance. <i>Current Sports Medicine Reports</i> , 2010, 9, 242-252.	0.5	33
59	Physical Fitness Profiles of Young Men. <i>Sports Medicine</i> , 2010, 40, 907-920.	3.1	33
60	Effects of Exercise Mode and Duration on 24-h IGF-I System Recovery Responses. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1261-1270.	0.2	32
61	Bone formation is suppressed with multi-stressor military training. <i>European Journal of Applied Physiology</i> , 2014, 114, 2251-2259.	1.2	32
62	Dental Workers, Musculoskeletal Cumulative Trauma, and Carpal Tunnel Syndrome: Who is at Risk? A Pilot Study. <i>International Journal of Occupational Safety and Ergonomics</i> , 1996, 2, 218-233.	1.1	31
63	Effects of Team Size on the Maximum Weight Bar Lifting Strength of Military Personnel. <i>Human Factors</i> , 1997, 39, 481-488.	2.1	31
64	Eighty-Four Hours of Sustained Operations Alter Thermoregulation during Cold Exposure. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 175-181.	0.2	31
65	The Central Role of Osteocytes in the Four Adaptive Pathways of Bone's Mechanostat. <i>Exercise and Sport Sciences Reviews</i> , 2020, 48, 140-148.	1.6	31
66	The effects of 10 days of spaceflight on the shuttle Endeavour on predominantly fast-twitch muscles in the rat. <i>Histochemistry and Cell Biology</i> , 2000, 114, 349-355.	0.8	30
67	Influence of age on the thermic response to caffeine in women. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 101-107.	1.5	30
68	Physical Training Strategies for Military Women's Performance Optimization in Combat-Centric Occupations. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S101-S106.	1.0	29
69	Women in Combat: Summary of Findings and a Way Ahead. <i>Military Medicine</i> , 2016, 181, 109-118.	0.4	29
70	Epidemiology of musculoskeletal injuries sustained by Naval Special Forces Operators and students. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S51-S56.	0.6	28
71	Leptin concentrations experience a delayed reduction after resistance exercise in men. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 608-613.	0.2	28
72	Effect of alkalosis on plasma epinephrine responses to high intensity cycle exercise in humans. <i>European Journal of Applied Physiology</i> , 2002, 87, 72-77.	1.2	27

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73	Circulating bioactive and immunoreactive IGF-I remain stable in women, despite physical fitness improvements after 8 weeks of resistance, aerobic, and combined exercise training. <i>Journal of Applied Physiology</i> , 2010, 109, 112-120.	1.2	27
74	Musculoskeletal injuries in military personnel—Descriptive epidemiology, risk factor identification, and prevention. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 963-969.	0.6	27
75	Changes in serum collagen markers, IGF-1, and Knee joint laxity across the menstrual cycle. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1405-1412.	1.2	26
76	Psychological and Physiological Predictors of Resilience in Navy SEAL Training. <i>Behavioral Medicine</i> , 2020, 46, 290-301.	1.0	26
77	Cognition during sustained operations: comparison of a laboratory simulation to field studies. <i>Aviation, Space, and Environmental Medicine</i> , 2006, 77, 929-35.	0.6	26
78	Lack of circulating bioactive and immunoreactive IGF-I changes despite improved fitness in chronic kidney disease patients following 48weeks of physical training. <i>Growth Hormone and IGF Research</i> , 2011, 21, 51-56.	0.5	25
79	Immunofunctional vs immunoreactive growth hormone responses after resistance exercise in men and women. <i>Growth Hormone and IGF Research</i> , 2000, 10, 99-103.	0.5	24
80	Correlates of load carriage and obstacle course performance among women. <i>Work</i> , 2002, 18, 179-89.	0.6	24
81	Diet, body composition, and physical fitness influences on IGF-I bioactivity in women. <i>Growth Hormone and IGF Research</i> , 2009, 19, 491-496.	0.5	23
82	IGF-I, IGF-BPs, and Inflammatory Cytokine Responses During Gender-Integrated Israeli Army Basic Combat Training. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, S73-S81.	1.0	23
83	Effect of acute sleep deprivation and recovery on Insulin-like Growth Factor-I responses and inflammatory gene expression in healthy men. <i>European Cytokine Network</i> , 2014, 25, 52-57.	1.1	23
84	International consensus on military research priorities and gaps — Survey results from the 4th International Congress on Soldiers'™ Physical Performance. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1125-1130.	0.6	23
85	Effect of a novel low volume, high intensity concurrent training regimen on recruit fitness and resilience. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 979-984.	0.6	23
86	Effects of Exercise and Alkalosis on Serum Insulin-Like Growth Factor I and IGF-Binding Protein-3. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2000, 25, 127-138.	1.7	22
87	Effects of acute caloric restriction compared to caloric balance on the temporal response of the IGF-I system. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 179-187.	1.5	22
88	Circulating biomarkers associated with performance and resilience during military operational stress. <i>European Journal of Sport Science</i> , 2022, 22, 72-86.	1.4	22
89	Functional physical training improves women's™ military occupational performance. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S91-S97.	0.6	21
90	Resistance exercise induces region-specific adaptations in anterior pituitary gland structure and function in rats. <i>Journal of Applied Physiology</i> , 2013, 115, 1641-1647.	1.2	20

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91	Bioavailable IGF-I Is Associated with Fat-Free Mass Gains after Physical Training in Women. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 793-799.	0.2	19
92	Impact of simulated military operational stress on executive function relative to trait resilience, aerobic fitness, and neuroendocrine biomarkers. <i>Physiology and Behavior</i> , 2021, 236, 113413.	1.0	19
93	Effects of resistance training on resting immune parameters in women. <i>European Journal of Applied Physiology</i> , 2002, 87, 506-508.	1.2	18
94	Minimally Invasive Sampling of Transdermal Body Fluid for the Purpose of Measuring Insulin-Like Growth Factor-I During Exercise Training. <i>Diabetes Technology and Therapeutics</i> , 2006, 8, 244-252.	2.4	18
95	Association of prospective lower extremity musculoskeletal injury and musculoskeletal, balance, and physiological characteristics in Special Operations Forces. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S34-S39.	0.6	18
96	Epidemiology of musculoskeletal injuries among US Air Force Special Tactics Operators: an economic cost perspective. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000471.	1.4	17
97	Does Concussion Affect Perception of Action Coupling Behavior? Action Boundary Perception as a Biomarker for Concussion. <i>Clinical Journal of Sport Medicine</i> , 2021, 31, 273-280.	0.9	17
98	Insulin-Like Growth Factor-I as a Candidate Metabolic Biomarker: Military Relevance and Future Directions for Measurement. <i>Journal of Diabetes Science and Technology</i> , 2009, 3, 371-376.	1.3	16
99	Hypohydration reduces vertical ground reaction impulse but not jump height. <i>European Journal of Applied Physiology</i> , 2010, 109, 1163-1170.	1.2	16
100	Measurement of Insulin-Like Growth Factor-I During Military Operational Stress via a Filter Paper Blood Spot Assay. <i>Diabetes Technology and Therapeutics</i> , 2003, 5, 455-461.	2.4	15
101	Incidence and pattern of musculoskeletal injuries among women and men during Marine Corps training in sex-integrated units. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 932-936.	0.6	15
102	Differential basal and exercise-induced IGF-I system responses to resistance vs. calisthenic-based military readiness training programs. <i>Growth Hormone and IGF Research</i> , 2017, 32, 33-40.	0.5	14
103	Human skeletal muscle type 1 fibre distribution and response of stress-sensing proteins along the titin molecule after submaximal exhaustive exercise. <i>Histochemistry and Cell Biology</i> , 2017, 148, 545-555.	0.8	14
104	Neuromuscular Performance and Hormonal Responses to Military Operational Stress in Men and Women. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 1296-1305.	1.0	14
105	Differential recovery rates of fitness following U.S. Army Ranger training. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 529-534.	0.6	13
106	Feasibility, acceptability, and preliminary efficacy of a handcycling high-intensity interval training program for individuals with spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 34-43.	0.9	13
107	Sex differences in the physical performance, physiological, and psychocognitive responses to military operational stress. <i>European Journal of Sport Science</i> , 2022, 22, 99-111.	1.4	13
108	Influence of oral contraceptive use on growth hormone in vivo bioactivity following resistance exercise: Responses of molecular mass variants. <i>Growth Hormone and IGF Research</i> , 2008, 18, 238-244.	0.5	12

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109	Effect of Mandatory Unit and Individual Physical Training on Fitness in Military Men and Women. <i>American Journal of Health Promotion</i> , 2017, 31, 378-387.	0.9	12
110	Bilateral Strength Asymmetries and Unilateral Strength Imbalance: Predicting Ankle Injury When Considered With Higher Body Mass in US Special Forces. <i>Journal of Athletic Training</i> , 2019, 54, 497-504.	0.9	11
111	Shared Neuromuscular Performance Traits in Military Personnel with Prior Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1619-1625.	0.2	11
112	Comparison of body composition assessment among lean black and white male collegiate athletes. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 769-776.	0.2	11
113	Effects of Acute and Chronic Exercise on Disulfide-Linked Growth Hormone Variants. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 581-587.	0.2	10
114	Twenty-Hour Growth Hormone Secretory Profiles after Aerobic and Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1917-1927.	0.2	10
115	Energy Deficiency During Cold Weather Mountain Training in NSW SEAL Qualification Students. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 315-321.	1.0	10
116	Military human performance optimization and injury prevention: Strategies for the 21st century warfighter. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S1-S2.	0.6	9
117	Utility of a novel perceptual-motor control test for identification of sport-related concussion beyond current clinical assessments. <i>Journal of Sports Sciences</i> , 2020, 38, 1799-1805.	1.0	9
118	Significantly Increased Odds of Reporting Previous Shoulder Injuries in Female Marines Based on Larger Magnitude Shoulder Rotator Bilateral Strength Differences. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711875628.	0.8	7
119	Basal Endogenous Steroid Hormones, Sex Hormone-Binding Globulin, Physical Fitness, and Health Risk Factors in Young Adult Men. <i>Frontiers in Physiology</i> , 2018, 9, 1005.	1.3	7
120	Fight load index and body composition are most associated with combat fitness in female Marines. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 494-499.	0.6	7
121	Growth Hormone and Insulin-like Growth Factor-I Molecular Weight Isoform Responses to Resistance Exercise Are Sex-Dependent. <i>Frontiers in Endocrinology</i> , 2020, 11, 571.	1.5	7
122	Hormonal stress responses of growth hormone and insulin-like growth factor-I in highly resistance trained women and men. <i>Growth Hormone and IGF Research</i> , 2021, 59, 101407.	0.5	7
123	Men and women display distinct extracellular vesicle biomarker signatures in response to military operational stress. <i>Journal of Applied Physiology</i> , 2022, 132, 1125-1136.	1.2	7
124	Nonparallel Slopes Using Analysis of Covariance for Body Size Adjustment May Reflect Inappropriate Modeling. <i>Measurement in Physical Education and Exercise Science</i> , 1998, 2, 127-135.	1.3	6
125	Influence of the menstrual cycle on proenkephalin peptide F responses to maximal cycle exercise. <i>European Journal of Applied Physiology</i> , 2006, 96, 581-586.	1.2	6
126	Using Machine Learning and Wearable Inertial Sensor Data for the Classification of Fractal Gait Patterns in Women and Men During Load Carriage. <i>Procedia Computer Science</i> , 2021, 185, 282-291.	1.2	6



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127	Prevention of exertional lower body musculoskeletal injury in tactical populations: protocol for a systematic review and planned meta-analysis of prospective studies from 1955 to 2018. <i>Systematic Reviews</i> , 2018, 7, 73.	2.5	5
128	Greater ankle strength, anaerobic and aerobic capacity, and agility predict Ground Combat Military Occupational School graduation in female Marines. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S85-S90.	0.6	4
129	Changes in energy balance, body composition, metabolic profile and physical performance in a 62-day Army Ranger training in a hot-humid environment. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 89-94.	0.6	4
130	The effects of fatiguing exercise and load carriage on the perception and initiation of movement. <i>European Journal of Sport Science</i> , 2021, 21, 36-44.	1.4	4
131	Tibial Bone Geometry Is Associated With Bone Stress Injury During Military Training in Men and Women. <i>Frontiers in Physiology</i> , 2022, 13, 803219.	1.3	4
132	The effects of different exercise training modalities on plasma proenkephalin Peptide F in women. <i>Peptides</i> , 2017, 91, 26-32.	1.2	3
133	Profiles of mood state fatigue scale is responsive to fatiguing protocol but shows no relationship to perceived or performance decrements. <i>Translational Sports Medicine</i> , 2019, 2, 153-160.	0.5	3
134	Reliability and Validity of a Pool-Based Maximal Oxygen Uptake Test to Examine High-Intensity Short-Duration Freestyle Swimming Performance. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1208-1215.	1.0	3
135	Microdialysis-Assessed Exercised Muscle Reveals Localized and Differential IGF1 Responses to Unilateral Stretch Shortening Cycle Exercise. <i>Frontiers in Endocrinology</i> , 2020, 11, 315.	1.5	3
136	Effects of Multi-ingredient Preworkout Supplements on Physical Performance, Cognitive Performance, Mood State, and Hormone Concentrations in Recreationally Active Men and Women. <i>Journal of Strength and Conditioning Research</i> , 2020, Publish Ahead of Print, .	1.0	3
137	Editorial: Military human performance optimization: Contemporary issues for sustained and improved readiness. <i>European Journal of Sport Science</i> , 2022, 22, 1-3.	1.4	3
138	Utility of extracellular vesicles as a potential biological indicator of physiological resilience during military operational stress. <i>Physiological Reports</i> , 2022, 10, e15219.	0.7	3
139	Insulin-like growth factor-I biocompartmentalization across blood, interstitial fluid and muscle, before and after 3 months of chronic resistance exercise. <i>Journal of Applied Physiology</i> , 2022, 133, 170-182.	1.2	3
140	A job task analysis to quantify the physical demands of load carriage duties conducted by ground close combat roles in the UK Armed Forces. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S64-S65.	0.6	2
141	Characterization of growth hormone disulfide-linked molecular isoforms during post-exercise release vs nocturnal pulsatile release reveals similar milieu composition. <i>Growth Hormone and IGF Research</i> , 2018, 42-43, 102-107.	0.5	2
142	A trait of mind: stability and robustness of sleep across sleep opportunity manipulations during simulated military operational stress. <i>Sleep</i> , 2022, 45, .	0.6	2
143	Effects of Gender, Lift Height, Direction, and Load on the Ability to Estimate Weight. <i>Proceedings of the Human Factors Society Annual Meeting</i> , 1992, 36, 669-673.	0.1	1
144	Short-Term Quercetin Supplementation Does Not Improve Aerobically Demanding Soldier Performance. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 284.	0.2	1

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145	Using the capture-recapture method to estimate the incidence of musculoskeletal injuries among U.S. Army soldiers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S23-S27.	0.6	1
146	Asymmetrical landing patterns combined with heavier body mass increases lower extremity injury risk in special operations forces. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S47.	0.6	1
147	The association of physical training with musculoskeletal injuries in US Special Operation Forces. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S87.	0.6	1
148	Prediction of exertional lower extremity musculoskeletal injury in tactical populations: protocol for a systematic review and planned meta-analysis of prospective studies from 1955 to 2018. <i>Systematic Reviews</i> , 2018, 7, 244.	2.5	1
149	Evaluation of Shoulder Strength and Kinematics as Risk Factors for Shoulder Injury in United States Special Forces Personnel. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711983127.	0.8	1
150	The Skeletal Muscle MMP/TIMP System is Affected in Response to an Acute Bout of Plyometric Exercise and 12-weeks of Plyometric Exercise Training. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 38.	0.2	1
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