

Bradley C Nindl

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.

152
papers

4,665
citations

41
h-index

62
g-index

185
ext. papers

5,411
ext. citations

3.1
avg, IF

5.13
L-index

#	Paper	IF	Citations
152	Effects of heavy-resistance training on hormonal response patterns in younger vs. older men. <i>Journal of Applied Physiology</i> , 1999 , 87, 982-92	3.7	300
151	Physiological consequences of U.S. Army Ranger training. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 1380-7	1.2	152
150	Effect of resistance training on women's strength/power and occupational performances. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1011-25	1.2	143
149	Resistance training improves strength and functional measures in patients with end-stage renal disease. <i>American Journal of Kidney Diseases</i> , 2002 , 40, 355-64	7.4	141
148	Resistance exercise biology: manipulation of resistance exercise programme variables determines the responses of cellular and molecular signalling pathways. <i>Sports Medicine</i> , 2008 , 38, 527-40	10.6	127
147	Hormonal responses of multiset versus single-set heavy-resistance exercise protocols. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1997 , 22, 244-55		124
146	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, 124-31	7	118
145	Low-volume circuit versus high-volume periodized resistance training in women. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 635-43	1.2	118
144	Influence of exercise mode and osteogenic index on bone biomarker responses during short-term physical training. <i>Bone</i> , 2009 , 45, 768-76	4.7	93
143	Changes in muscle hypertrophy in women with periodized resistance training. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 697-708	1.2	93
142	Physical performance responses during 72 h of military operational stress. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1814-22	1.2	91
141	The effect of heavy resistance exercise on the circadian rhythm of salivary testosterone in men. <i>European Journal of Applied Physiology</i> , 2001 , 84, 13-8	3.4	90
140	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, 383-9	1.9	80
139	Effects of concurrent resistance and aerobic training on load-bearing performance and the Army physical fitness test. <i>Military Medicine</i> , 2004 , 169, 994-9	1.3	78
138	Overnight responses of the circulating IGF-I system after acute, heavy-resistance exercise. <i>Journal of Applied Physiology</i> , 2001 , 90, 1319-26	3.7	78
137	Combined resistance and endurance training improves physical capacity and performance on tactical occupational tasks. <i>European Journal of Applied Physiology</i> , 2010 , 109, 1197-208	3.4	72
136	Gender differences in regional body composition and somatotrophic influences of IGF-I and leptin. <i>Journal of Applied Physiology</i> , 2002 , 92, 1611-8	3.7	72

135	Recovery responses of testosterone, growth hormone, and IGF-1 after resistance exercise. <i>Journal of Applied Physiology</i> , 2017 , 122, 549-558	3.7	64
134	Regional body composition changes in women after 6 months of periodized physical training. <i>Journal of Applied Physiology</i> , 2000 , 88, 2251-9	3.7	63
133	Physiological Employment Standards III: physiological challenges and consequences encountered during international military deployments. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2655-72	3.4	60
132	Elevated endogenous testosterone concentrations potentiate muscle androgen receptor responses to resistance exercise. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009 , 114, 195-9	5.1	60
131	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	3.7	60
130	Effects of resistance training on neuromuscular junction morphology. <i>Muscle and Nerve</i> , 2000 , 23, 1576-84	3.4	60
129	Prediction of simulated battlefield physical performance from field-expedient tests. <i>Military Medicine</i> , 2008 , 173, 36-41	1.3	57
128	Resistance training combined with bench-step aerobics enhances women's health profile. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 259-69	1.2	56
127	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, 340-6	3.7	55
126	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	5.7	53
125	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020 , 181, 1464-1474	56.2	51
124	Moderate protein intake improves total and regional body composition and insulin sensitivity in overweight adults. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 757-65	12.7	49
123	Recovery of endocrine and inflammatory mediators following an extended energy deficit. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 956-64	5.6	48
122	Growth hormone pulsatility profile characteristics following acute heavy resistance exercise. <i>Journal of Applied Physiology</i> , 2001 , 91, 163-72	3.7	48
121	Characteristics of circulating growth hormone in women after acute heavy resistance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E878-87	6	47
120	Histological and molecular analysis of the biceps tendon long head post-tenotomy. <i>Journal of Orthopaedic Research</i> , 2009 , 27, 1379-85	3.8	46
119	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	1.3	46
118	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, 667-76	7	45

117	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, 245-50	2	45
116	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	2.6	44
115	Differential responses of IGF-I molecular complexes to military operational field training. <i>Journal of Applied Physiology</i> , 2003 , 95, 1083-9	3.7	43
114	Perspectives on Aerobic and Strength Influences on Military Physical Readiness: Report of an International Military Physiology Roundtable. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29 Suppl 11, S10-23	3.2	42
113	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, 2872-85	6.3	41
112	Exercise training improves HR responses and $\dot{V}O_{2peak}$ in predialysis kidney patients. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2392-9	1.2	41
111	Effects of exercise training on the matrix metalloprotease response to acute exercise. <i>European Journal of Applied Physiology</i> , 2009 , 106, 655-63	3.4	40
110	Executive Summary From the National Strength and Conditioning Association's Second Blue Ribbon Panel on Military Physical Readiness: Military Physical Performance Testing. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29 Suppl 11, S216-20	3.2	39
109	LH secretion and testosterone concentrations are blunted after resistance exercise in men. <i>Journal of Applied Physiology</i> , 2001 , 91, 1251-8	3.7	39
108	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	4.4	38
107	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, 124-8	2	38
106	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, 120-8	3.7	38
105	Growth hormone molecular heterogeneity and exercise. <i>Exercise and Sport Sciences Reviews</i> , 2003 , 31, 161-6	6.7	38
104	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, E1177-87	6	35
103	Regional fat placement in physically fit males and changes with weight loss. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 786-93	1.2	34
102	Effects of elevated circulating hormones on resistance exercise-induced Akt signaling. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1039-48	1.2	32
101	Reliability assessment of two militarily relevant occupational physical performance tests. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2003 , 28, 27-37		32
100	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, 367-73	3.4	32

99	Leptin concentrations experience a delayed reduction after resistance exercise in men. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 608-13	1.2	32
98	Growth hormone, exercise, and athletic performance: a continued evolution of complexity. <i>Current Sports Medicine Reports</i> , 2010 , 9, 242-52	1.9	31
97	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, 1613-21	3.7	30
96	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, 1261-70	1.2	28
95	The effects of 10 days of spaceflight on the shuttle Endeavor on predominantly fast-twitch muscles in the rat. <i>Histochemistry and Cell Biology</i> , 2000 , 114, 349-55	2.4	28
94	Influence of age on the thermic response to caffeine in women. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 101-7	12.7	27
93	Effects of team size on the maximum weight bar lifting strength of military personnel. <i>Human Factors</i> , 1997 , 39, 481-8	3.8	26
92	Exercise type and volume alter signaling pathways regulating skeletal muscle glucose uptake and protein synthesis. <i>European Journal of Applied Physiology</i> , 2015 , 115, 1835-45	3.4	25
91	Bone formation is suppressed with multi-stressor military training. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2251-9	3.4	25
90	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, 112-20	3.7	25
89	Physical fitness profiles of young men: associations between physical fitness, obesity and health. <i>Sports Medicine</i> , 2010 , 40, 907-20	10.6	25
88	Eighty-four hours of sustained operations alter thermoregulation during cold exposure. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 175-81	1.2	25
87	Cognition during sustained operations: comparison of a laboratory simulation to field studies. <i>Aviation, Space, and Environmental Medicine</i> , 2006 , 77, 929-35		24
86	Human Performance Optimization Metrics: Consensus Findings, Gaps, and Recommendations for Future Research. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29 Suppl 11, S221-45	3.2	22
85	Lack of circulating bioactive and immunoreactive IGF-I changes despite improved fitness in chronic kidney disease patients following 48 weeks of physical training. <i>Growth Hormone and IGF Research</i> , 2011 , 21, 51-6	2	22
84	Effect of alkalosis on plasma epinephrine responses to high intensity cycle exercise in humans. <i>European Journal of Applied Physiology</i> , 2002 , 87, 72-7	3.4	22
83	Correlates of load carriage and obstacle course performance among women. <i>Work</i> , 2002 , 18, 179-89	1.6	22
82	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	2.1	21

81	Leptin concentrations experience a delayed reduction after resistance exercise in men. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 608-613	1.2	21
80	Physical Training Strategies for Military Women's Performance Optimization in Combat-Centric Occupations. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29 Suppl 11, S101-6	3.2	20
79	Changes in serum collagen markers, IGF-I, and knee joint laxity across the menstrual cycle. <i>Journal of Orthopaedic Research</i> , 2012 , 30, 1405-12	3.8	20
78	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 Suppl 2, S73-81	3.2	20
77	Immunofunctional vs immunoreactive growth hormone responses after resistance exercise in men and women. <i>Growth Hormone and IGF Research</i> , 2000 , 10, 99-103	2	20
76	Women in Combat: Summary of Findings and a Way Ahead. <i>Military Medicine</i> , 2016 , 181, 109-18	1.3	19
75	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, 179-87	12.7	18
74	Diet, body composition, and physical fitness influences on IGF-I bioactivity in women. <i>Growth Hormone and IGF Research</i> , 2009 , 19, 491-6	2	18
73	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, 52-7	3.3	17
72	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, 127-38		17
71	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, 793-9	1.2	15
70	Hypohydration reduces vertical ground reaction impulse but not jump height. <i>European Journal of Applied Physiology</i> , 2010 , 109, 1163-70	3.4	15
69	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, 244-52	8.1	15
68	Resistance exercise induces region-specific adaptations in anterior pituitary gland structure and function in rats. <i>Journal of Applied Physiology</i> , 2013 , 115, 1641-7	3.7	14
67	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, 371-6	4.1	14
66	Effects of resistance training on resting immune parameters in women. <i>European Journal of Applied Physiology</i> , 2002 , 87, 506-8	3.4	14
65	Does Concussion Affect Perception-Action Coupling Behavior? Action Boundary Perception as a Biomarker for Concussion. <i>Clinical Journal of Sport Medicine</i> , 2021 , 31, 273-280	3.2	14
64	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	4.4	13

63	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 Suppl 4, S34-S39	4.4	13
62	Epidemiology of musculoskeletal injuries sustained by Naval Special Forces Operators and students. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20 Suppl 4, S51-S56	4.4	12
61	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, 455-61	8.1	12
60	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	3.4	12
59	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	6.7	11
58	Functional physical training improves women's military occupational performance. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20 Suppl 4, S91-S97	4.4	11
57	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, 238-44	2	11
56	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	2	10
55	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 ^{2.4}	2.4	10
54	Effects of acute and chronic exercise on disulfide-linked growth hormone variants. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 581-7	1.2	10
53	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	4.4	9
52	Shared Neuromuscular Performance Traits in Military Personnel with Prior Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1619-1625	1.2	9
51	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	2.5	7
50	Twenty-hour growth hormone secretory profiles after aerobic and resistance exercise. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1917-27	1.2	7
49	Comparison of body composition assessment among lean black and white male collegiate athletes. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 769-76	1.2	7
48	Differential recovery rates of fitness following U.S. Army Ranger training. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 529-534	4.4	7
47	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	4.4	7
46	Influence of the menstrual cycle on proenkephalin peptide F responses to maximal cycle exercise. <i>European Journal of Applied Physiology</i> , 2006 , 96, 581-6	3.4	6

45	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	4	5
44	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	3.6	5
43	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, 2325967118756283	3.5	5
42	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	4.4	5
41	Psychological and Physiological Predictors of Resilience in Navy SEAL Training. <i>Behavioral Medicine</i> , 2020 , 46, 290-301	4.4	5
40	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	3.2	5
39	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	1.9	4
38	SEX DIFFERENCES IN THE PHYSICAL PERFORMANCE, PHYSIOLOGICAL, AND PSYCHO-COGNITIVE RESPONSES TO MILITARY OPERATIONAL STRESS. <i>European Journal of Sport Science</i> , 2021 , 1-34	3.9	4
37	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	3.5	4
36	Circulating biomarkers associated with performance and resilience during military operational stress. <i>European Journal of Sport Science</i> , 2021 , 1-15	3.9	4
35	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	4.4	4
34	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	4.6	3
33	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	1.3	3
32	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 Suppl 4, S85-S90	4.4	3
31	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	3.9	3
30	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	5.7	3
29	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	3.2	3
28	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	4.4	3

27	Microdialysis-Assessed Exercised Muscle Reveals Localized and Differential IGFBP Responses to Unilateral Stretch Shortening Cycle Exercise. <i>Frontiers in Endocrinology</i> , 2020 , 11, 315	5.7	2
26	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	4.4	2
25	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	2	2
24	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	1.6	2
23	The effects of different exercise training modalities on plasma proenkephalin Peptide F in women. <i>Peptides</i> , 2017 , 91, 26-32	3.8	1
22	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, 2325967119831272	3.5	1
21	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	3	1
20	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 Suppl 4, S23-S27	4.4	1
19	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		1
18	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	2.7	1
17	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	2	1
16	Men and Women Display Distinct Extracellular Vesicle Biomarker Signatures in Response to Military Operational Stress.. <i>Journal of Applied Physiology</i> , 2022 ,	3.7	1
15	Tibial Bone Geometry Is Associated With Bone Stress Injury During Military Training in Men and Women.. <i>Frontiers in Physiology</i> , 2022 , 13, 803219	4.6	0
14	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	4.4	0
13	Utility of extracellular vesicles as a potential biological indicator of physiological resilience during military operational stress.. <i>Physiological Reports</i> , 2022 , 10, e15219	2.6	0
12	Body Composition and Physical Determinants of Physiological and Musculoskeletal Readiness in Marines. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 92	1.2	
11	Short-Term Quercetin Supplementation Does Not Improve Aerobically Demanding Soldier Performance. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 284	1.2	
10	Effects of a Twelve-Week Once versus Twice a Day Power Training Program on Bone Turnover Markers and Bone Quality. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 702-703	1.2	

9	Hemodynamic responses to stress among black women: fitness and parental hypertension. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1105	1.2
8	Longitudinal Relationship Between Physical Activity and Lumbar Bone Density in Men and Women aged 18-29. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, S290	1.2
7	Effects of the Insulin-like Growth Factor Axis and its Relationship in Nonsurgical Treatments in Patients with Lumbar Spinal Stenosis. <i>FASEB Journal</i> , 2018 , 32, 588.24	0.9
6	Greater Ankle Strength and Anaerobic Capacity in Female Marines Who Completed Military Occupational Specialty School. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1063	1.2
5	Evaluating Diet Quality in SEAL Qualification Training Students. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 679	1.2
4	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	3
3	Physiological Responses to Swimming Pool and Swimming Flume Maximal Aerobic Power Protocols. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 526	1.2
2	Association Between DXA And HR-pQCT Measurements Of BMD In Active, Recruit-aged Men And Women. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 129-129	1.2
1	Differences in compound muscle activation patterns explain upper extremity bilateral deficits. <i>Human Movement Science</i> , 2021 , 79, 102851	2.4