Bradley C Nindl

List of Publications by Year
in descending order

182	6,375	47006 47	79698 73
papers	citations	h-index	g-index

185	185	185	5355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of heavy-resistance training on hormonal response patterns in younger vs. older men. Journal of Applied Physiology, 1999, 87, 982-992.	2.5	374
2	Physiological Consequences of U.S. Army Ranger Training. Medicine and Science in Sports and Exercise, 2007, 39, 1380-1387.	0.4	205
3	Effect of resistance training on women???s strength/power and occupational performances. Medicine and Science in Sports and Exercise, 2001, 33, 1011-1025.	0.4	189
4	Low-volume circuit versus high-volume periodized resistance training in women. Medicine and Science in Sports and Exercise, 2001, 33, 635-643.	0.4	182
5	Resistance training improves strength and functional measures in patients with end-stage renal disease. American Journal of Kidney Diseases, 2002, 40, 355-364.	1.9	169
6	Resistance Exercise Biology. Sports Medicine, 2008, 38, 527-540.	6.5	169
7	Hormonal Responses of Multiset Versus Single-Set Heavy-Resistance Exercise Protocols. Applied Physiology, Nutrition, and Metabolism, 1997, 22, 244-255.	1.7	161
8	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. Cell, 2020, 181, 1464-1474.	28.9	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. American Journal of Clinical Nutrition, 2009, 90, 124-131.	4.7	146
10	Growth Hormone(s), Testosterone, Insulin-Like Growth Factors, and Cortisol: Roles and Integration for Cellular Development and Growth With Exercise. Frontiers in Endocrinology, 2020, 11, 33.	3.5	141
11	Physical performance responses during 72 h of military operational stress. Medicine and Science in Sports and Exercise, 2002, 34, 1814-1822.	0.4	123
12	Influence of exercise mode and osteogenic index on bone biomarker responses during short-term physical training. Bone, 2009, 45, 768-776.	2.9	117
13	Changes in Muscle Hypertrophy in Women with Periodized Resistance Training. Medicine and Science in Sports and Exercise, 2004, 36, 697-708.	0.4	112
14	Consortium for Health and Military Performance and American College of Sports Medicine Consensus Paper on Extreme Conditioning Programs in Military Personnel. Current Sports Medicine Reports, 2011, 10, 383-389.	1.2	110
15	Recovery responses of testosterone, growth hormone, and IGF-1 after resistance exercise. Journal of Applied Physiology, 2017, 122, 549-558.	2.5	106
16	The effect of heavy resistance exercise on the circadian rhythm of salivary testosterone in men. European Journal of Applied Physiology, 2001, 84, 13-18.	2.5	101
17	Combined resistance and endurance training improves physical capacity and performance on tactical occupational tasks. European Journal of Applied Physiology, 2010, 109, 1197-1208.	2.5	97
18	Overnight responses of the circulating IGF-I system after acute, heavy-resistance exercise. Journal of Applied Physiology, 2001, 90, 1319-1326.	2.5	95

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19	Effects of Concurrent Resistance and Aerobic Training on Load-Bearing Performance and the Army Physical Fitness Test. Military Medicine, 2004, 169, 994-999.	0.8	94
20	Gender differences in regional body composition and somatotrophic influences of IGF-I and leptin. Journal of Applied Physiology, 2002, 92, 1611-1618.	2.5	88
21	Physiological Employment Standards III: physiological challenges and consequences encountered during international military deployments. European Journal of Applied Physiology, 2013, 113, 2655-2672.	2.5	87
22	Perspectives on resilience for military readiness and preparedness: Report of an international military physiology roundtable. Journal of Science and Medicine in Sport, 2018, 21, 1116-1124.	1.3	85
23	Regional body composition changes in women after 6 months of periodized physical training. Journal of Applied Physiology, 2000, 88, 2251-2259.	2.5	79
24	Prediction of Simulated Battlefield Physical Performance from Field-Expedient Tests. Military Medicine, 2008, 173, 36-41.	0.8	73
25	Effects of resistance training on neuromuscular junction morphology. Muscle and Nerve, 2000, 23, 1576-1581.	2.2	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. Military Medicine, 2016, 181, 50-62.	0.8	71
27	Recovery of Endocrine and Inflammatory Mediators Following an Extended Energy Deficit. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 956-964.	3.6	70
28	Resistance training combined with bench-step aerobics enhances women???s health profile. Medicine and Science in Sports and Exercise, 2001, 33, 259-269.	0.4	66
29	Perspectives on Aerobic and Strength Influences on Military Physical Readiness. Journal of Strength and Conditioning Research, 2015, 29, S10-S23.	2.1	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. Journal of Applied Physiology, 2007, 103, 340-346.	2.5	65
31	Elevated endogenous testosterone concentrations potentiate muscle androgen receptor responses to resistance exercise. Journal of Steroid Biochemistry and Molecular Biology, 2009, 114, 195-199.	2.5	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. Journal of Applied Physiology, 2008, 105, 58-64.	2.5	64
33	Executive Summary From the National Strength and Conditioning Association's Second Blue Ribbon Panel on Military Physical Readiness. Journal of Strength and Conditioning Research, 2015, 29, S216-S220.	2.1	61
34	Growth hormone pulsatility profile characteristics following acute heavy resistance exercise. Journal of Applied Physiology, 2001, 91, 163-172.	2.5	58
35	Moderate protein intake improves total and regional body composition and insulin sensitivity in overweight adults. Metabolism: Clinical and Experimental, 2008, 57, 757-765.	3.4	58
36	Characteristics of circulating growth hormone in women after acute heavy resistance exercise. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E878-E887.	3.5	54

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37	Differential responses of IGF-I molecular complexes to military operational field training. Journal of Applied Physiology, 2003, 95, 1083-1089.	2.5	54
38	Histological and molecular analysis of the biceps tendon long head postâ€tenotomy. Journal of Orthopaedic Research, 2009, 27, 1379-1385.	2.3	54
39	Effects of exercise training on the matrix metalloprotease response to acute exercise. European Journal of Applied Physiology, 2009, 106, 655-663.	2.5	54
40	Exercise Training Improves HR Responses and VË™O2peak in Predialysis Kidney Patients. Medicine and Science in Sports and Exercise, 2012, 44, 2392-2399.	0.4	54
41	PGC-1 isoforms and their target genes are expressed differently in human skeletal muscle following resistance and endurance exercise. Physiological Reports, 2015, 3, e12563.	1.7	54
42	LH secretion and testosterone concentrations are blunted after resistance exercise in men. Journal of Applied Physiology, 2001, 91, 1251-1258.	2.5	53
43	A double-blind, placebo-controlled test of 2 d of calorie deprivation: effects on cognition, activity, sleep, and interstitial glucose concentrations. American Journal of Clinical Nutrition, 2008, 88, 667-676.	4.7	53
44	Biological constraints that limit compensation of a common skeletal trait variant lead to inequivalence of tibial function among healthy young adults. Journal of Bone and Mineral Research, 2011, 26, 2872-2885.	2.8	52
45	Leptin concentrations experience a delayed reduction after resistance exercise in men. Medicine and Science in Sports and Exercise, 2002, 34, 608-613.	0.4	51
46	IGF-I system responses during 12 weeks of resistance training in end-stage renal disease patients. Growth Hormone and IGF Research, 2004, 14, 245-250.	1.1	50
47	Altered secretion of growth hormone and luteinizing hormone after 84 h of sustained physical exertion superimposed on caloric and sleep restriction. Journal of Applied Physiology, 2006, 100, 120-128.	2.5	50
48	Circulating IGF-I is associated with fitness and health outcomes in a population of 846 young healthy men. Growth Hormone and IGF Research, 2011, 21, 124-128.	1.1	48
49	Growth Hormone Molecular Heterogeneity and Exercise. Exercise and Sport Sciences Reviews, 2003, 31, 161-166.	3.0	44
50	Reliability Assessment of Two Militarily Relevant Occupational Physical Performance Tests. Applied Physiology, Nutrition, and Metabolism, 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. European Journal of Applied Physiology, 2001, 85, 367-373.	2.5	39
52	Chronic resistance training in women potentiates growth hormone in vivo bioactivity: characterization of molecular mass variants. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1177-E1187.	3.5	39
53	Regional fat placement in physically fit males and changes with weight loss. Medicine and Science in Sports and Exercise, 1996, 28, 786-793.	0.4	39
54	Exercise type and volume alter signaling pathways regulating skeletal muscle glucose uptake and protein synthesis. European Journal of Applied Physiology, 2015, 115, 1835-1845.	2.5	38

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55	Human Performance Optimization Metrics. Journal of Strength and Conditioning Research, 2015, 29, S221-S245.	2.1	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. Journal of Applied Physiology, 2007, 103, 1613-1621.	2.5	35
57	Effects of Elevated Circulating Hormones on Resistance Exercise-Induced Akt Signaling. Medicine and Science in Sports and Exercise, 2008, 40, 1039-1048.	0.4	35
58	Growth Hormone, Exercise, and Athletic Performance. Current Sports Medicine Reports, 2010, 9, 242-252.	1.2	33
59	Physical Fitness Profiles of Young Men. Sports Medicine, 2010, 40, 907-920.	6.5	33
60	Effects of Exercise Mode and Duration on 24-h IGF-I System Recovery Responses. Medicine and Science in Sports and Exercise, 2009, 41, 1261-1270.	0.4	32
61	Bone formation is suppressed with multi-stressor military training. European Journal of Applied Physiology, 2014, 114, 2251-2259.	2.5	32
62	Dental Workers, Musculoskeletal CumulativeTrauma, and Carpal Tunnel Syndrome: Who is at Risk? A Pilot Study. International Journal of Occupational Safety and Ergonomics, 1996, 2, 218-233.	1.9	31
63	Effects of Team Size on the Maximum Weight Bar Lifting Strength of Military Personnel. Human Factors, 1997, 39, 481-488.	3.5	31
64	Eighty-Four Hours of Sustained Operations Alter Thermoregulation during Cold Exposure. Medicine and Science in Sports and Exercise, 2003, 35, 175-181.	0.4	31
65	The Central Role of Osteocytes in the Four Adaptive Pathways of Boneâ€™s Mechanostat. Exercise and Sport Sciences Reviews, 2020, 48, 140-148.	3.0	31
66	The effects of 10Âdays of spaceflight on the shuttle Endeavour on predominantly fast-twitch muscles in the rat. Histochemistry and Cell Biology, 2000, 114, 349-355.	1.7	30
67	Influence of age on the thermic response to caffeine in women. Metabolism: Clinical and Experimental, 2000, 49, 101-107.	3.4	30
68	Physical Training Strategies for Military Women's Performance Optimization in Combat-Centric Occupations. Journal of Strength and Conditioning Research, 2015, 29, S101-S106.	2.1	29
69	Women in Combat: Summary of Findings and a Way Ahead. Military Medicine, 2016, 181, 109-118.	0.8	29
70	Epidemiology of musculoskeletal injuries sustained by Naval Special Forces Operators and students. Journal of Science and Medicine in Sport, 2017, 20, S51-S56.	1.3	28
71	Leptin concentrations experience a delayed reduction after resistance exercise in men. Medicine and Science in Sports and Exercise, 2002, 34, 608-613.	0.4	28
72	Effect of alkalosis on plasma epinephrine responses to high intensity cycle exercise in humans. European Journal of Applied Physiology, 2002, 87, 72-77.	2.5	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. Journal of Applied Physiology, 2010, 109, 112-120.	2.5	27
74	Musculoskeletal injuries in military personnelâ€"Descriptive epidemiology, risk factor identification, and prevention. Journal of Science and Medicine in Sport, 2021, 24, 963-969.	1.3	27
75	Changes in serum collagen markers, IGFâ€I, and Knee joint laxity across the menstrual cycle. Journal of Orthopaedic Research, 2012, 30, 1405-1412.	2.3	26
76	Psychological and Physiological Predictors of Resilience in Navy SEAL Training. Behavioral Medicine, 2020, 46, 290-301.	1.9	26
77	Cognition during sustained operations: comparison of a laboratory simulation to field studies. Aviation, Space, and Environmental Medicine, 2006, 77, 929-35.	0.5	26
78	Lack of circulating bioactive and immunoreactive IGF-I changes despite improved fitness in chronic kidney disease patients following 48weeks of physical training. Growth Hormone and IGF Research, 2011, 21, 51-56.	1.1	25
79	Immunofunctional vs immunoreactive growth hormone responses after resistance exercise in men and women. Growth Hormone and IGF Research, 2000, 10, 99-103.	1.1	24
80	Correlates of load carriage and obstacle course performance among women. Work, 2002, 18, 179-89.	1.1	24
81	Diet, body composition, and physical fitness influences on IGF-I bioactivity in women. Growth Hormone and IGF Research, 2009, 19, 491-496.	1.1	23
82	IGF-I, IGFBPs, and Inflammatory Cytokine Responses During Gender-Integrated Israeli Army Basic Combat Training. Journal of Strength and Conditioning Research, 2012, 26, S73-S81.	2.1	23
83	Effect of acute sleep deprivation and recovery on Insulin-like Growth Factor-I responses and inflammatory gene expression in healthy men. European Cytokine Network, 2014, 25, 52-57.	2.0	23
84	International consensus on military research priorities and gaps â€" Survey results from the 4th International Congress on Soldiersâ€™ Physical Performance. Journal of Science and Medicine in Sport, 2018, 21, 1125-1130.	1.3	23
85	Effect of a novel low volume, high intensity concurrent training regimen on recruit fitness and resilience. Journal of Science and Medicine in Sport, 2020, 23, 979-984.	1.3	23
86	Effects of Exercise and Alkalosis on Serum Insulin-Like Growth Factor I and IGF-Binding Protein-3. Applied Physiology, Nutrition, and Metabolism, 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. Metabolism: Clinical and Experimental, 2013, 62, 179-187.	3.4	22
88	Circulating biomarkers associated with performance and resilience during military operational stress. European Journal of Sport Science, 2022, 22, 72-86.	2.7	22
89	Functional physical training improves womenâ€™s military occupational performance. Journal of Science and Medicine in Sport, 2017, 20, S91-S97.	1.3	21
90	Resistance exercise induces region-specific adaptations in anterior pituitary gland structure and function in rats. Journal of Applied Physiology, 2013, 115, 1641-1647.	2.5	20

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91	Bioavailable IGF-I Is Associated with Fat-Free Mass Gains after Physical Training in Women. Medicine and Science in Sports and Exercise, 2011, 43, 793-799.	0.4	19
92	Impact of simulated military operational stress on executive function relative to trait resilience, aerobic fitness, and neuroendocrine biomarkers. Physiology and Behavior, 2021, 236, 113413.	2.1	19
93	Effects of resistance training on resting immune parameters in women. European Journal of Applied Physiology, 2002, 87, 506-508.	2.5	18
94	Minimally Invasive Sampling of Transdermal Body Fluid for the Purpose of Measuring Insulin-Like Growth Factor-I During Exercise Training. Diabetes Technology and Therapeutics, 2006, 8, 244-252.	4.4	18
95	Association of prospective lower extremity musculoskeletal injury and musculoskeletal, balance, and physiological characteristics in Special Operations Forces. Journal of Science and Medicine in Sport, 2017, 20, S34-S39.	1.3	18
96	Epidemiology of musculoskeletal injuries among US Air Force Special Tactics Operators: an economic cost perspective. BMJ Open Sport and Exercise Medicine, 2018, 4, e000471.	2.9	17
97	Does Concussion Affect Perceptionâ€“Action Coupling Behavior? Action Boundary Perception as a Biomarker for Concussion. Clinical Journal of Sport Medicine, 2021, 31, 273-280.	1.8	17
98	Insulin-Like Growth Factor-I as a Candidate Metabolic Biomarker: Military Relevance and Future Directions for Measurement. Journal of Diabetes Science and Technology, 2009, 3, 371-376.	2.2	16
99	Hypohydration reduces vertical ground reaction impulse but not jump height. European Journal of Applied Physiology, 2010, 109, 1163-1170.	2.5	16
100	Measurement of Insulin-Like Growth Factor-I During Military Operational Stress via a Filter Paper Blood Spot Assay. Diabetes Technology and Therapeutics, 2003, 5, 455-461.	4.4	15
101	Incidence and pattern of musculoskeletal injuries among women and men during Marine Corps training in sex-integrated units. Journal of Science and Medicine in Sport, 2020, 23, 932-936.	1.3	15
102	Differential basal and exercise-induced IGF-I system responses to resistance vs. calisthenic-based military readiness training programs. Growth Hormone and IGF Research, 2017, 32, 33-40.	1.1	14
103	Human skeletal muscle type 1 fibre distribution and response of stress-sensing proteins along the titin molecule after submaximal exhaustive exercise. Histochemistry and Cell Biology, 2017, 148, 545-555.	1.7	14
104	Neuromuscular Performance and Hormonal Responses to Military Operational Stress in Men and Women. Journal of Strength and Conditioning Research, 2021, 35, 1296-1305.	2.1	14
105	Differential recovery rates of fitness following U.S. Army Ranger training. Journal of Science and Medicine in Sport, 2020, 23, 529-534.	1.3	13
106	Feasibility, acceptability, and preliminary efficacy of a handcycling high-intensity interval training program for individuals with spinal cord injury. Spinal Cord, 2021, 59, 34-43.	1.9	13
107	Sex differences in the physical performance, physiological, and psychoâ€cognitive responses to military operational stress. European Journal of Sport Science, 2022, 22, 99-111.	2.7	13
108	Influence of oral contraceptive use on growth hormone in vivo bioactivity following resistance exercise: Responses of molecular mass variants. Growth Hormone and IGF Research, 2008, 18, 238-244.	1.1	12

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109	Effect of Mandatory Unit and Individual Physical Training on Fitness in Military Men and Women. American Journal of Health Promotion, 2017, 31, 378-387.	1.7	12
110	Bilateral Strength Asymmetries and Unilateral Strength Imbalance: Predicting Ankle Injury When Considered With Higher Body Mass in US Special Forcesa. Journal of Athletic Training, 2019, 54, 497-504.	1.8	11
111	Shared Neuromuscular Performance Traits in Military Personnel with Prior Concussion. Medicine and Science in Sports and Exercise, 2019, 51, 1619-1625.	0.4	11
112	Comparison of body composition assessment among lean black and white male collegiate athletes. Medicine and Science in Sports and Exercise, 1998, 30, 769-776.	0.4	11
113	Effects of Acute and Chronic Exercise on Disulfide-Linked Growth Hormone Variants. Medicine and Science in Sports and Exercise, 2009, 41, 581-587.	0.4	10
114	Twenty-Hour Growth Hormone Secretory Profiles after Aerobic and Resistance Exercise. Medicine and Science in Sports and Exercise, 2014, 46, 1917-1927.	0.4	10
115	Energy Deficiency During Cold Weather Mountain Training in NSW SEAL Qualification Students. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 315-321.	2.1	10
116	Military human performance optimization and injury prevention: Strategies for the 21st century warfighter. Journal of Science and Medicine in Sport, 2017, 20, S1-S2.	1.3	9
117	Utility of a novel perceptual-motor control test for identification of sport-related concussion beyond current clinical assessments. Journal of Sports Sciences, 2020, 38, 1799-1805.	2.0	9
118	Significantly Increased Odds of Reporting Previous Shoulder Injuries in Female Marines Based on Larger Magnitude Shoulder Rotator Bilateral Strength Differences. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711875628.	1.7	7
119	Basal Endogenous Steroid Hormones, Sex Hormone-Binding Globulin, Physical Fitness, and Health Risk Factors in Young Adult Men. Frontiers in Physiology, 2018, 9, 1005.	2.8	7
120	Fight load index and body composition are most associated with combat fitness in female Marines. Journal of Science and Medicine in Sport, 2019, 22, 494-499.	1.3	7
121	Growth Hormone and Insulin-like Growth Factor-I Molecular Weight Isoform Responses to Resistance Exercise Are Sex-Dependent. Frontiers in Endocrinology, 2020, 11, 571.	3.5	7
122	Hormonal stress responses of growth hormone and insulin-like growth factor-I in highly resistance trained women and men. Growth Hormone and IGF Research, 2021, 59, 101407.	1.1	7
123	Men and women display distinct extracellular vesicle biomarker signatures in response to military operational stress. Journal of Applied Physiology, 2022, 132, 1125-1136.	2.5	7
124	Nonparallel Slopes Using Analysis of Covariance for Body Size Adjustment May Reflect Inappropriate Modeling. Measurement in Physical Education and Exercise Science, 1998, 2, 127-135.	1.8	6
125	Influence of the menstrual cycle on proenkephalin peptide F responses to maximal cycle exercise. European Journal of Applied Physiology, 2006, 96, 581-586.	2.5	6
126	Using Machine Learning and Wearable Inertial Sensor Data for the Classification of Fractal Gait Patterns in Women and Men During Load Carriage. Procedia Computer Science, 2021, 185, 282-291.	2.0	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. Systematic Reviews, 2018, 7, 73.	5.3	5
128	Greater ankle strength, anaerobic and aerobic capacity, and agility predict Ground Combat Military Occupational School graduation in female Marines. Journal of Science and Medicine in Sport, 2017, 20, S85-S90.	1.3	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. Journal of Science and Medicine in Sport, 2022, 25, 89-94.	1.3	4
130	The effects of fatiguing exercise and load carriage on the perception and initiation of movement. European Journal of Sport Science, 2021, 21, 36-44.	2.7	4
131	Tibial Bone Geometry Is Associated With Bone Stress Injury During Military Training in Men and Women. Frontiers in Physiology, 2022, 13, 803219.	2.8	4
132	The effects of different exercise training modalities on plasma proenkephalin Peptide F in women. Peptides, 2017, 91, 26-32.	2.4	3
133	Profiles of mood state fatigue scale is responsive to fatiguing protocol but shows no relationship to perceived or performance decrements. Translational Sports Medicine, 2019, 2, 153-160.	1.1	3
134	Reliability and Validity of a Pool-Based Maximal Oxygen Uptake Test to Examine High-Intensity Short-Duration Freestyle Swimming Performance. Journal of Strength and Conditioning Research, 2019, 33, 1208-1215.	2.1	3
135	Microdialysis-Assessed Exercised Muscle Reveals Localized and Differential IGFBP Responses to Unilateral Stretch Shortening Cycle Exercise. Frontiers in Endocrinology, 2020, 11, 315.	3.5	3
136	Effects of Multi-ingredient Preworkout Supplements on Physical Performance, Cognitive Performance, Mood State, and Hormone Concentrations in Recreationally Active Men and Women. Journal of Strength and Conditioning Research, 2020, Publish Ahead of Print, .	2.1	3
137	Editorial: Military human performance optimization: Contemporary issues for sustained and improved readiness. European Journal of Sport Science, 2022, 22, 1-3.	2.7	3
138	Utility of extracellular vesicles as a potential biological indicator of physiological resilience during military operational stress. Physiological Reports, 2022, 10, e15219.	1.7	3
139	Insulin-like growth factor-I biocompartmentalization across blood, interstitial fluid and muscle, before and after 3 months of chronic resistance exercise. Journal of Applied Physiology, 2022, 133, 170-182.	2.5	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. Journal of Science and Medicine in Sport, 2017, 20, S64-S65.	1.3	2
141	Characterization of growth hormone disulfide-linked molecular isoforms during post-exercise release vs nocturnal pulsatile release reveals similar milieu composition. Growth Hormone and IGF Research, 2018, 42-43, 102-107.	1.1	2
142	A trait of mind: stability and robustness of sleep across sleep opportunity manipulations during simulated military operational stress. Sleep, 2022, 45, .	1.1	2
143	Effects of Gender, Lift Height, Direction, and Load on the Ability to Estimate Weight. Proceedings of the Human Factors Society Annual Meeting, 1992, 36, 669-673.	0.1	1
144	Short-Term Quercetin Supplementation Does Not Improve Aerobically Demanding Soldier Performance. Medicine and Science in Sports and Exercise, 2010, 42, 284.	0.4	1

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145	Using the captureâ€“recapture method to estimate the incidence of musculoskeletal injuries among U.S. Army soldiers. Journal of Science and Medicine in Sport, 2017, 20, S23-S27.	1.3	1
146	Asymmetrical landing patterns combined with heavier body mass increases lower extremity injury risk in special operations forces. Journal of Science and Medicine in Sport, 2017, 20, S47.	1.3	1
147	The association of physical training with musculoskeletal injuries in US Special Operation Forces. Journal of Science and Medicine in Sport, 2017, 20, S87.	1.3	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. Systematic Reviews, 2018, 7, 244.	5.3	1
149	Evaluation of Shoulder Strength and Kinematics as Risk Factors for Shoulder Injury in United States Special Forces Personnel. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711983127.	1.7	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. Medicine and Science in Sports and Exercise, 2010, 42, 38.	0.4	1
151	323 EFFECTS OF EXTENDED PHYSICAL TRAINING AND CALORIC DEFICIT ON POWER OUTPUT OF YOUNG HEALTHY MALES. Medicine and Science in Sports and Exercise, 1993, 25, S58.	0.4	0
152	Effects of a Twelve-Week Once versus Twice a Day Power Training Program on Bone Turnover Markers and Bone Quality. Medicine and Science in Sports and Exercise, 2010, 42, 702-703.	0.4	0
153	Quercetin's Influence On Muscle Soreness, Markers Of Inflammation, And Muscle Damage. Medicine and Science in Sports and Exercise, 2011, 43, 428-429.	0.4	0
154	IGF-I Responses in Blood, Interstitial Fluid and Muscle Biocompartments Following 3 Months of Exercise Training. Medicine and Science in Sports and Exercise, 2011, 43, 309.	0.4	0
155	Relationship of Endogenous Steroid Hormones and SHBG to Body Composition, Cardiovascular Health and Physical Fitness. Medicine and Science in Sports and Exercise, 2011, 43, 103-104.	0.4	0
156	Quercetin Did Not Influence Exercise Performance or Plasma Metabolic Markers in Soldiers. Medicine and Science in Sports and Exercise, 2011, 43, 429.	0.4	0
157	Changes in Serum Collagen Markers and IGF-I and Knee Joint Laxity Across the Menstrual Cycle. Medicine and Science in Sports and Exercise, 2011, 43, 261.	0.4	0
158	Musculoskeletal, balance, biomechanical, and physiological predictors of shoulder injury in Special Operations Forces. Journal of Science and Medicine in Sport, 2017, 20, S29-S30.	1.3	0
159	A job task analysis of digging duties conducted by the ground close combat roles in the UK Armed Forces. Journal of Science and Medicine in Sport, 2017, 20, S66.	1.3	0
160	Role of insulin-like growth factor-I in stress fracture risk. Journal of Science and Medicine in Sport, 2017, 20, S86.	1.3	0
161	A job task analysis of a parachuting training exercise conducted by the British Army parachute regiment. Journal of Science and Medicine in Sport, 2017, 20, S169.	1.3	0
162	Body Composition and Physical Determinants of Physiological and Musculoskeletal Readiness in Marines. Medicine and Science in Sports and Exercise, 2017, 49, 92.	0.4	0

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163	Physiological Responses to Swimming Pool and Swimming Flume Maximal Aerobic Power Protocols. Medicine and Science in Sports and Exercise, 2018, 50, 526.	0.4	0
164	Altered Brain Morphology In Women With History Of ACL Rupture: A Structural MRI Study. Medicine and Science in Sports and Exercise, 2019, 51, 262-262.	0.4	0
165	Association Between DXA And HR-pQCT Measurements Of BMD In Active, Recruit-aged Men And Women. Medicine and Science in Sports and Exercise, 2021, 53, 129-129.	0.4	0
166	Differences in compound muscle activation patterns explain upper extremity bilateral deficits. Human Movement Science, 2021, 79, 102851.	1.4	0
167	Hemodynamic responses to stress among black women: fitness and parental hypertension. Medicine and Science in Sports and Exercise, 2002, 34, 1105.	0.4	0
168	Longitudinal Relationship Between Physical Activity and Lumbar Bone Density in Men and Women aged 18-29. Medicine and Science in Sports and Exercise, 2004, 36, S290.	0.4	0
169	Effects of Periodized Exercise Programs on Parameters of Bone Strength. Medicine and Science in Sports and Exercise, 2007, 39, S439.	0.4	0
170	969. Medicine and Science in Sports and Exercise, 2008, 40, S105.	0.4	0
171	Comparing Bioactive And Immunoassay-Based Measurements Of The Growth Hormone Response To Short-Term Resistance Training At Three Intensity Levels. Medicine and Science in Sports and Exercise, 2016, 48, 633.	0.4	0
172	MHC Isoforms Are Associated with Acute Neuromuscular Performance Changes Induced by Prolonged Jumping Exercise. Medicine and Science in Sports and Exercise, 2016, 48, 113.	0.4	0
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