Herbert Groeller

List of Publications by Year
in descending order

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49 papers	1,211 citations	394421 19 h-index	377865 34 g-index
49 all docs	49 docs citations	49 times ranked	1368 citing authors

#	Article	IF	Citations
1	Fish Oil Reduces Heart Rate and Oxygen Consumption During Exercise. Journal of Cardiovascular Pharmacology, 2008, 52, 540-547.	1.9	135
2	Parkinson's disease: An investigation of exercise capacity, respiratory function, and gait. Archives of Physical Medicine and Rehabilitation, 1997, 78, 199-207.	0.9	115
3	Age, human performance, and physical employment standards. Applied Physiology, Nutrition and Metabolism, 2016, 41, S92-S107.	1.9	92
4	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
5	Does fatigue induced by repeated dynamic efforts affect hamstring muscle function?. Medicine and Science in Sports and Exercise, 2000, 32, 647-653.	0.4	77
6	Is repetition failure critical for the development of muscle hypertrophy and strength?. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 375-383.	2.9	76
7	Perspectives on Aerobic and Strength Influences on Military Physical Readiness. Journal of Strength and Conditioning Research, 2015, 29, S10-S23.	2.1	66
8	Short-duration fatigue alters neuromuscular coordination of trunk musculature: implications for injury. Applied Ergonomics, 2003, 34, 317-325.	3.1	55
9	Does intramuscular thermal feedback modulate eccrine sweating in exercising humans?. Acta Physiologica, 2014, 212, 86-96.	3.8	51
10	Thai Yoga improves physical function and well-being in older adults: A randomised controlled trial. Journal of Science and Medicine in Sport, 2017, 20, 494-501.	1.3	48
11	Work-based Physiological Assessment of Physically-demanding Trades: a Methodological Overview. Journal of Physiological Anthropology and Applied Human Science, 2003, 22, 73-81.	0.4	40
12	The impact of aging and habitual physical activity on static respiratory work at rest and during exercise. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1098-L1106.	2.9	33
13	Cardiovascular and thermal consequences of protective clothing: a comparison of clothed and unclothed states. Ergonomics, 2004, 47, 1073-1086.	2.1	30
14	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1072-1082.	1.7	24
15	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1063-1071.	1.7	24
16	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1092-1097.	1.7	24
17	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
18	Hormonal response patterns are differentially influenced by physical conditioning programs during basic military training. Journal of Science and Medicine in Sport, 2017, 20, S98-S103.	1.3	22

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19	Positive, limited and negative responders: The variability in physical fitness adaptation to basic military training. Journal of Science and Medicine in Sport, 2018, 21, 1168-1172.	1.3	21
20	Physical training considerations for optimizing performance in essential military tasks. European Journal of Sport Science, 2022, 22, 43-57.	2.7	20
21	The Effectiveness of Basic Military Training To Improve Functional Lifting Strength in New Recruits. Journal of Strength and Conditioning Research, 2015, 29, S173-S177.	2.1	19
22	Effect of concentric and eccentric velocity during heavy-load non-ballistic elbow flexion resistance exercise. Journal of Science and Medicine in Sport, 2014, 17, 306-311.	1.3	17
23	Eccentric cycling emphasising a low cardiopulmonary demand increases leg strength equivalent to workload matched concentric cycling in middle age sedentary males. Journal of Science and Medicine in Sport, 2018, 21, 1238-1243.	1.3	17
24	Carotid baroreflex control of heart rate and blood pressure during ES leg cycling in paraplegics. Journal of Applied Physiology, 2000, 88, 957-965.	2.5	16
25	How Effective Is Initial Military-Specific Training in the Development of Physical Performance of Soldiers?. Journal of Strength and Conditioning Research, 2015, 29, S158-S162.	2.1	16
26	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1083-1091.	1.7	15
27	The effect of a familiarisation period on subsequent strength gain. Journal of Sports Sciences, 2013, 31, 204-211.	2.0	14
28	Precision markedly attenuates repetitive lift capacity. Ergonomics, 2014, 57, 1427-1439.	2.1	7
29	Chronicity of sleep restriction during Army basic military training. Journal of Science and Medicine in Sport, 2022, 25, 432-438.	1.3	5
30	Effect of Practice on Performance and Pacing Strategies During an Exercise Circuit Involving Load Carriage. Journal of Strength and Conditioning Research, 2018, 32, 700-707.	2.1	4
31	Elevated body temperature contributes to the increased heart rate response during eccentric compared to concentric cycling when matched for oxygen consumption. Temperature, 2021, 8, 30-38.	3.0	4
32	Monitoring work and training load in military settings â€“ what's in the toolbox?. European Journal of Sport Science, 2022, 22, 58-71.	2.7	4
33	The Acute Physiological Responses of Eccentric Cycling During the Recovery Periods of a High Intensity Concentric Cycling Interval Session. Frontiers in Physiology, 2020, 11, 336.	2.8	3
34	Physiological consequences of wearing personal protective equipment: clothing and helmets. Elsevier Ergonomics Book Series, 2005, , 383-388.	0.1	2
35	The influence of a basic military training diet on whole blood fatty acid profile and the Omega-3 Index of Australian Army recruits. Applied Physiology, Nutrition and Metabolism, 2022, 47, 151-158.	1.9	2
36	The selection of generic or task-related physical employment tests for the Royal Australian Air Force. Journal of Science and Medicine in Sport, 2017, 20, S120-S121.	1.3	1

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37	The development of a functional and valid physical employment assessment standard for NSW Mines Rescue Brigadesmen. Work, 2019, 63, 559-569.	1.1	1
38	A Periodised, Low Volume High Training Load Regimen Reduces The Rate Of Recruit Injury Within Basic Military Training. Medicine and Science in Sports and Exercise, 2016, 48, 270.	0.4	1
39	A Comprehensive Analysis of Injuries During Army Basic Military Training. Military Medicine, 2024, 189, 652-660.	0.8	1
40	Overnight sleeping heart rate variability of Army recruits during a 12-week basic military training course. European Journal of Applied Physiology, 2022, 122, 2135-2144.	2.5	1
41	Does exercise have a role in the management of gestational diabetes mellitus?. Obstetric Medicine, 2010, 3, 133-138.	1.1	0
42	High Load And Intensity But Low Volume. Medicine and Science in Sports and Exercise, 2016, 48, 270.	0.4	0
43	The Physiological Demands Of A Task Simulation Varies Between Independent Groups Of Subject Matter Experts. Medicine and Science in Sports and Exercise, 2016, 48, 482.	0.4	0
44	The development of a test for a strength-based criterion Royal Australian Air Force tent lift task. Journal of Science and Medicine in Sport, 2017, 20, S119-S120.	1.3	0
45	Criterion task work rates in Royal Australian Air Force personnel do not align with the acceptable work rate determined using the Bookmark method. Journal of Science and Medicine in Sport, 2017, 20, S167-S168.	1.3	0
46	Is muscular strength a critical physical attribute for the apprehension of a simulated non-compliant suspect?. Ergonomics, 2021, 64, 1183-1190.	2.1	0
47	The Influence Of Technique On The Physical Demands Of Performing An Apprehension Task.. Medicine and Science in Sports and Exercise, 2016, 48, 271.	0.4	0
48	Subjective Measures of Workload and Sleep in Australian Army Recruits; Potential Utility as Monitoring Tools. Military Medicine, 2022, , .	0.8	0
49	The physiological demand of a task simulation varies when developed by independent groups of experiential experts. Applied Ergonomics, 2022, 102, 103715.	3.1	0