

Julie M Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

544
citations

687363

13
h-index

677142

22
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31
all docs

31
docs citations

31
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone mass, microarchitecture and strength are influenced by race/ethnicity in young adult men and women. <i>Bone</i> , 2017, 103, 200-208.	2.9	58
2	The role of adaptive bone formation in the etiology of stress fracture. <i>Experimental Biology and Medicine</i> , 2017, 242, 897-906.	2.4	56
3	Changes in tibial bone microarchitecture in female recruits in response to 8 weeks of U.S. Army Basic Combat Training. <i>Bone</i> , 2018, 113, 9-16.	2.9	53
4	Risk of Stress Fracture Varies by Race/Ethnic Origin in a Cohort Study of 1.3 Million US Army Soldiers. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1546-1553.	2.8	41
5	Bone formation is suppressed with multi-stressor military training. <i>European Journal of Applied Physiology</i> , 2014, 114, 2251-2259.	2.5	32
6	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.	3.0	31
7	Bone strength estimates relative to vertical ground reaction force discriminates women runners with stress fracture history. <i>Bone</i> , 2017, 94, 22-28.	2.9	28
8	Dietary Intake in Relation to Military Dietary Reference Values During Army Basic Combat Training; a Multi-center, Cross-sectional Study. <i>Military Medicine</i> , 2019, 184, e223-e230.	0.8	27
9	Skeletal Muscle Quality: A Biomarker for Assessing Physical Performance Capabilities in Young Populations. <i>Frontiers in Physiology</i> , 2021, 12, 706699.	2.8	25
10	Nonsteroidal Anti-Inflammatory Drug Prescriptions Are Associated With Increased Stress Fracture Diagnosis in the US Army Population. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 429-436.	2.8	24
11	Changes in Volumetric Bone Mineral Density Over 12 Months After a Tibial Bone Stress Injury Diagnosis: Implications for Return to Sports and Military Duty. <i>American Journal of Sports Medicine</i> , 2021, 49, 226-235.	4.2	24
12	A prospective field study of U.S. Army trainees to identify the physiological bases and key factors influencing musculoskeletal injuries: a study protocol. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 282.	1.9	20
13	The relationships between multiaxial loading history and tibial strains during load carriage. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 48-53.	1.3	14
14	Skeletal loading score is associated with bone microarchitecture in young adults. <i>Bone</i> , 2019, 127, 360-366.	2.9	13
15	Timing of Stress Fractures in Soldiers During the First 6 Career Months: A Retrospective Cohort Study. <i>Journal of Athletic Training</i> , 2021, 56, 1278-1284.	1.8	13
16	Sleep health of incoming army trainees and how it changes during basic combat training. <i>Sleep Health</i> , 2021, 7, 37-42.	2.5	12
17	Circulating sclerostin is not suppressed following a single bout of exercise in young men. <i>Physiological Reports</i> , 2018, 6, e13695.	1.7	10
18	Body mass does not reflect the body composition changes in response to similar physical training in young women and men. <i>International Journal of Obesity</i> , 2021, 45, 659-665.	3.4	10

#	ARTICLE	IF	CITATIONS
19	Physical Activity, Menstrual History, and Bone Microarchitecture in Female Athletes with Multiple Bone Stress Injuries. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2182-2189.	0.4	10
20	Regional variation of bone density, microarchitectural parameters, and elastic moduli in the ultradistal tibia of young black and white men and women. <i>Bone</i> , 2018, 112, 194-201.	2.9	8
21	Impact of Low Energy Availability on Skeletal Health in Physically Active Adults. <i>Calcified Tissue International</i> , 2022, 110, 605-614.	3.1	7
22	Regional Changes in Density and Microarchitecture in the Ultradistal Tibia of Female Recruits After U.S. Army Basic Combat Training. <i>Calcified Tissue International</i> , 2019, 105, 68-76.	3.1	6
23	Once daily calcium (1000Âmg) and vitamin D (1000ÂIU) supplementation during military training prevents increases in biochemical markers of bone resorption but does not affect tibial microarchitecture in Army recruits. <i>Bone</i> , 2022, 155, 116269.	2.9	6
24	Promoting adaptive bone formation to prevent stress fractures in military personnel. <i>European Journal of Sport Science</i> , 2022, 22, 4-15.	2.7	4
25	Association Between Self-Reported Sleep Quality and Musculoskeletal Injury in Male Army Rangers. <i>Military Medicine</i> , 2023, 188, e1882-e1886.	0.8	4
26	Emerging evidence that adaptive bone formation inhibition by non-steroidal anti-inflammatory drugs increases stress fracture risk. <i>Experimental Biology and Medicine</i> , 2021, 246, 1104-1111.	2.4	3
27	Restrictive Eating and Prior Low-Energy Fractures Are Associated With History of Multiple Bone Stress Injuries. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2022, 32, 325-333.	2.1	3
28	Soccer participation is associated with benefits in tibial bone cross-sectional geometry and strength in young women. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, , .	0.7	2
29	Mediating Effects of Pain Catastrophizing on Sleep and Pain Intensity in Army Basic Trainees. <i>Military Behavioral Health</i> , 0, , 1-8.	0.8	0
30	Psychological Hardiness and Grit Are Associated with Musculoskeletal Injury in U.S. Army Trainees. <i>Military Behavioral Health</i> , 0, , 1-15.	0.8	0