

Kristin J Heaton

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

702
citations

687220

13
h-index

580701

25
g-index

46
all docs

46
docs citations

46
times ranked

731
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative magnetic resonance brain imaging in US army veterans of the 1991 Gulf War potentially exposed to sarin and cyclosarin. <i>NeuroToxicology</i> , 2007, 28, 761-769.	1.4	108
2	Effects of sarin and cyclosarin exposure during the 1991 Gulf War on neurobehavioral functioning in US army veterans. <i>NeuroToxicology</i> , 2006, 27, 931-939.	1.4	107
3	Attention and Visual Tracking Degradation During Acute Sleep Deprivation in a Military Sample. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 497-503.	0.6	44
4	Sleep restriction and cognitive load affect performance on a simulated marksmanship task. <i>Journal of Sleep Research</i> , 2019, 28, e12637.	1.7	37
5	Dynamic visuomotor synchronization: Quantification of predictive timing. <i>Behavior Research Methods</i> , 2013, 45, 289-300.	2.3	33
6	Predictive Visual Tracking: Specificity in Mild Traumatic Brain Injury and Sleep Deprivation. <i>Military Medicine</i> , 2014, 179, 619-625.	0.4	33
7	Functional MRI approach to developmental methylmercury and polychlorinated biphenyl neurotoxicity. <i>NeuroToxicology</i> , 2011, 32, 975-980.	1.4	32
8	Impact of sleep restriction on local immune response and skin barrier restoration with and without a€œmultinutrientâ€•nutrition intervention. <i>Journal of Applied Physiology</i> , 2018, 124, 190-200.	1.2	25
9	Further Development of the Assessment of Military Multitasking Performance: Iterative Reliability Testing. <i>PLoS ONE</i> , 2017, 12, e0169104.	1.1	24
10	The effects of transcutaneous auricular vagal nerve stimulation on cognition in healthy individuals: A meta-analysis.. <i>Neuropsychology</i> , 2021, 35, 352-365.	1.0	23
11	Psychological and Physical Characteristics of U.S. Marine Recruits. <i>Military Psychology</i> , 2015, 27, 261-275.	0.7	22
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.	0.8	20
13	Permethrin exposure from fabric-treated military uniforms under different wear-time scenarios. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 572-578.	1.8	18
14	Adaptation of visual tracking synchronization after one night of sleep deprivation. <i>Experimental Brain Research</i> , 2014, 232, 121-131.	0.7	14
15	The Occupational JP8 Exposure Neuroepidemiology Study (OJENES): Repeated workday exposure and central nervous system functioning among US Air Force personnel. <i>NeuroToxicology</i> , 2011, 32, 799-808.	1.4	13
16	Predicting changes in performance due to cognitive fatigue: A multimodal approach based on speech motor coordination and electrodermal activity. <i>Clinical Neuropsychologist</i> , 2020, 34, 1190-1214.	1.5	13
17	Sleep health of incoming army trainees and how it changes during basic combat training. <i>Sleep Health</i> , 2021, 7, 37-42.	1.3	12
18	Neurocognitive Performance and Prior Injury Among U.S. Department of Defense Military Personnel. <i>Military Medicine</i> , 2015, 180, 660-669.	0.4	11

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19	Role of body composition and physical activity on permethrin urinary biomarker concentrations while wearing treated military uniforms. <i>Toxicology Letters</i> , 2018, 299, 210-217.	0.4	11
20	Toward Return to Duty Decision-Making After Military Mild Traumatic Brain Injury: Preliminary Validation of the Charge of Quarters Duty Test. <i>Military Medicine</i> , 2018, 183, e214-e222.	0.4	10
21	A retrospective study of anxiety disorder diagnoses in the military from 2000 to 2009. <i>Journal of Anxiety Disorders</i> , 2013, 27, 25-32.	1.5	9
22	Prospective assessment of neuropsychological functioning and mood in US Army National Guard personnel deployed as peacekeepers. <i>Scandinavian Journal of Work, Environment and Health</i> , 2009, 35, 349-360.	1.7	9
23	Degradation of Binocular Coordination during Sleep Deprivation. <i>Frontiers in Neurology</i> , 2016, 7, 90.	1.1	7
24	Permethrin exposure from wearing fabric-treated military uniforms in high heat conditions under varying wear-time scenarios. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 525-536.	1.8	7
25	Audio, Visual, and Electrodermal Arousal Signals as Predictors of Mental Fatigue Following Sustained Cognitive Work. , 2020, 2020, 832-836.		7
26	Effect of Environmental Temperature and Humidity on Permethrin Biomarkers of Exposure in U.S. Soldiers Wearing Permethrin-Treated Uniforms. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 1455-1462.	0.6	7
27	Sleep Deprivation Has No Effect on Dynamic Visual Acuity in Military Service Members Who Are Healthy. <i>Physical Therapy</i> , 2013, 93, 1185-1196.	1.1	6
28	Noninvasive estimation of cognitive status in mild traumatic brain injury using speech production and facial expression. , 2017, , .		6
29	Predicting Cognitive Load and Operational Performance in a Simulated Marksmanship Task. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 222.	1.0	6
30	Postural Sway and Exposure to Jet Propulsion Fuel 8 Among US Air Force Personnel. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 446-453.	0.9	5
31	JP8 exposure and neurocognitive performance among US Air Force personnel. <i>NeuroToxicology</i> , 2017, 62, 170-180.	1.4	4
32	Using Oculomotor Features to Predict Changes in Optic Nerve Sheath Diameter and IMPACT Scores From Contact-Sport Athletes. <i>Frontiers in Neurology</i> , 2021, 12, 584684.	1.1	4
33	Supplemental Protein and a Multinutrient Beverage Speed Wound Healing after Acute Sleep Restriction in Healthy Adults. <i>Journal of Nutrition</i> , 2022, 152, 1560-1573.	1.3	4
34	Quantifying head impacts and neurocognitive performance in collegiate boxers. <i>Journal of Sports Sciences</i> , 2022, 40, 509-517.	1.0	4
35	The Effect of Body Composition and Energy Expenditure on Permethrin Biomarker Concentrations Among US Army National Guard Members. <i>Journal of Occupational and Environmental Medicine</i> , 2020, 62, 210-216.	0.9	3
36	Physical Injuries, Treatment-Seeking, and Perceived Barriers to Treatment in U.S. Army Drill Sergeants. <i>Military Medicine</i> , 2022, 187, 1403-1411.	0.4	2

#	ARTICLE	IF	CITATIONS
37	Response to "Latency: An important consideration in Gulf War Syndrome," by Friedman et al. [Neurotoxicology (in press)]. NeuroToxicology, 2007, 28, 1044-1045.	1.4	1
38	Health and Psychological Effects of Low-Level Exposure to Chemical Warfare Nerve Agents. , 2019, , 145-161.		0
39	Mediating Effects of Pain Catastrophizing on Sleep and Pain Intensity in Army Basic Trainees. Military Behavioral Health, 0, , 1-8.	0.4	0
40	Psychological Hardiness and Grit Are Associated with Musculoskeletal Injury in U.S. Army Trainees. Military Behavioral Health, 0, , 1-15.	0.4	0