

John A Caldwell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/134538/publications.pdf>

Version: 2024-02-01

55
papers

2,738
citations

186265

28
h-index

182427

51
g-index

58
all docs

58
docs citations

58
times ranked

2773
citing authors

#	ARTICLE	IF	CITATIONS
1	An education intervention in a professional female basketball team and coaching staff improves sleep and alertness. <i>Translational Sports Medicine</i> , 2021, 4, 419-427.	1.1	4
2	The effect of sleep restriction on cognitive performance in elite cognitive performers: a systematic review. <i>Sleep</i> , 2021, 44, .	1.1	9
3	Effects of testosterone administration on fMRI responses to executive function, aggressive behavior, and emotion processing tasks during severe exercise- and diet-induced energy deficit. <i>NeuroImage</i> , 2021, 243, 118496.	4.2	7
4	Demographics, sleep, and daily patterns of caffeine intake of shift workers in a nationally representative sample of the US adult population. <i>Sleep</i> , 2020, 43, .	1.1	12
5	Caffeine, Energy Beverage Consumption, Fitness, and Sleep in U.S. Army Aviation Personnel. <i>Aerospace Medicine and Human Performance</i> , 2020, 91, 641-650.	0.4	6
6	A Z-score based method for comparing the relative sensitivity of behavioral and physiological metrics including cognitive performance, mood, and hormone levels. <i>PLoS ONE</i> , 2019, 14, e0220749.	2.5	3
7	Effects of testosterone supplementation on body composition and lower-body muscle function during severe exercise- and diet-induced energy deficit: A proof-of-concept, single centre, randomised, double-blind, controlled trial. <i>EBioMedicine</i> , 2019, 46, 411-422.	6.1	39
8	Sleep Patterns and Alertness in an Elite Super Rugby Team During a Game Week. <i>Journal of Human Kinetics</i> , 2019, 67, 111-121.	1.5	14
9	Fatigue and its management in the workplace. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 96, 272-289.	6.1	165
10	Prevalence of sleep disorders and sleep problems in an elite super rugby union team. <i>Journal of Sports Sciences</i> , 2019, 37, 950-957.	2.0	30
11	Caffeine use in a Super Rugby game and its relationship to post-game sleep. <i>European Journal of Sport Science</i> , 2018, 18, 513-523.	2.7	42
12	Laboratory and home comparison of wrist-activity monitors and polysomnography in middle-aged adults. <i>Sleep and Biological Rhythms</i> , 2018, 16, 85-97.	1.0	41
13	A Survey Instrument to Assess Intake of Dietary Supplements, Related Products, and Caffeine in High-Use Populations. <i>Journal of Nutrition</i> , 2018, 148, 1445S-1451S.	2.9	12
14	The Effects of the Removal of Electronic Devices for 48 Hours on Sleep in Elite Judo Athletes. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2832-2839.	2.1	52
15	Physiological and psychological effects of testosterone during severe energy deficit and recovery: A study protocol for a randomized, placebo-controlled trial for Optimizing Performance for Soldiers (OPS). <i>Contemporary Clinical Trials</i> , 2017, 58, 47-57.	1.8	21
16	Trends and factors associated with insomnia and sleep apnea in all United States military service members from 2005 to 2014. <i>Journal of Sleep Research</i> , 2017, 26, 665-670.	3.2	47
17	Two Days of Calorie Deprivation Induced by Underfeeding and Aerobic Exercise Degrades Mood and Lowers Interstitial Glucose but Does Not Impair Cognitive Function in Young Adults. <i>Journal of Nutrition</i> , 2017, 147, 110-116.	2.9	16
18	Cognitive function, stress hormones, heart rate and nutritional status during simulated captivity in military survival training. <i>Physiology and Behavior</i> , 2016, 165, 86-97.	2.1	76

#	ARTICLE	IF	CITATIONS
19	A review of caffeine's effects on cognitive, physical and occupational performance. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 294-312.	6.1	465
20	Screening for Sleep Apnea in Morbidly Obese Pilots. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 835-841.	0.4	3
21	Sleep and Sleepiness of Pilots Operating Long-Range Airplane Emergency Medical Missions. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 954-959.	0.5	8
22	Crew Schedules, Sleep Deprivation, and Aviation Performance. <i>Current Directions in Psychological Science</i> , 2012, 21, 85-89.	5.3	54
23	Evaluation of Eye Metrics as a Detector of Fatigue. <i>Human Factors</i> , 2011, 53, 403-414.	3.5	59
24	Individual differences in cognitive vulnerability to fatigue in the laboratory and in the workplace. <i>Progress in Brain Research</i> , 2011, 190, 145-153.	1.4	43
25	Fatigue Countermeasures in Aviation. <i>Aviation, Space, and Environmental Medicine</i> , 2009, 80, 29-59.	0.5	206
26	Alertness management strategies for operational contexts. <i>Sleep Medicine Reviews</i> , 2008, 12, 257-273.	8.5	89
27	Ethical Use of Cogniceticals in the Militaries of Democratic Nations. <i>American Journal of Bioethics</i> , 2008, 8, 39-41.	0.9	14
28	Performance and Psychophysiological Measures of Fatigue Effects on Aviation Related Tasks of Varying Difficulty. <i>The International Journal of Aviation Psychology</i> , 2007, 17, 219-247.	0.7	39
29	Investigating systematic individual differences in sleep-deprived performance on a high-fidelity flight simulator. <i>Behavior Research Methods</i> , 2006, 38, 333-343.	4.0	46
30	Are Individual Differences in Fatigue Vulnerability Related to Baseline Differences in Cortical Activation?. <i>Behavioral Neuroscience</i> , 2005, 119, 694-707.	1.2	84
31	Sleep and Aviation. , 2005, , 939-945.		0
32	Fatigue in aviation. <i>Travel Medicine and Infectious Disease</i> , 2005, 3, 85-96.	3.0	164
33	Fatigue in military aviation: an overview of US military-approved pharmacological countermeasures. <i>Aviation, Space, and Environmental Medicine</i> , 2005, 76, C39-51.	0.5	47
34	The Effects of 37 Hours of Continuous Wakefulness On the Physiological Arousal, Cognitive Performance, Self-Reported Mood, and Simulator Flight Performance of F-117A Pilots. <i>Military Psychology</i> , 2004, 16, 163-181.	1.1	88
35	Stimulants. <i>Lung Biology in Health and Disease</i> , 2004, , 387-446.	0.1	0
36	Modafinil's effects on simulator performance and mood in pilots during 37 h without sleep. <i>Aviation, Space, and Environmental Medicine</i> , 2004, 75, 777-84.	0.5	24

#	ARTICLE	IF	CITATIONS
37	Body posture affects electroencephalographic activity and psychomotor vigilance task performance in sleep-deprived subjects. <i>Clinical Neurophysiology</i> , 2003, 114, 23-31.	1.5	125
38	Improving daytime sleep with temazepam as a countermeasure for shift lag. <i>Aviation, Space, and Environmental Medicine</i> , 2003, 74, 153-63.	0.5	7
39	Utility of dextroamphetamine for attenuating the impact of sleep deprivation in pilots. <i>Aviation, Space, and Environmental Medicine</i> , 2003, 74, 1125-34.	0.5	18
40	EEG Data Collected From Helicopter Pilots in Flight Are Sufficiently Sensitive to Detect Increased Fatigue From Sleep Deprivation. <i>The International Journal of Aviation Psychology</i> , 2002, 12, 19-32.	0.7	34
41	Efficacy of stimulants for fatigue management: the effects of Provigil® and Dexedrine® on sleep-deprived aviators. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2001, 4, 19-37.	3.7	10
42	The impact of fatigue in air medical and other types of operations: A review of fatigue facts and potential countermeasures. <i>Air Medical Journal</i> , 2001, 20, 25-32.	0.6	48
43	The Effects of Exercise as a Countermeasure for Fatigue in Sleep-Deprived Aviators. <i>Military Psychology</i> , 2000, 12, 249-266.	1.1	40
44	A double-blind, placebo-controlled investigation of the efficacy of modafinil for sustaining the alertness and performance of aviators: a helicopter simulator study. <i>Psychopharmacology</i> , 2000, 150, 272-282.	3.1	156
45	Differential Sensitivity of Using Simulators Versus Actual Aircraft to Evaluate the Effects of a Stimulant Medication on Aviator Performance. <i>Military Psychology</i> , 2000, 12, 277-291.	1.1	4
46	The effects of body posture on resting electroencephalographic activity in sleep-deprived subjects. <i>Clinical Neurophysiology</i> , 2000, 111, 464-470.	1.5	31
47	Effects of task duration on sensitivity to sleep deprivation using the multi-attribute task battery. <i>Behavior Research Methods</i> , 1998, 30, 651-660.	1.3	23
48	Gender influences on performance, mood and recovery sleep in fatigued aviators. <i>Ergonomics</i> , 1998, 41, 1757-1770.	2.1	33
49	Comparison of the Effects of Zolpidem-induced Prophylactic Naps to Placebo Naps and Forced Rest Periods in Prolonged Work Schedules. <i>Sleep</i> , 1998, 21, 79-90.	1.1	28
50	Sustaining Female Helicopter Pilot Performance With Dexedrine During Sleep Deprivation. <i>The International Journal of Aviation Psychology</i> , 1997, 7, 15-36.	0.7	12
51	Effects of Chemical Protective Clothing and Heat Stress on Army Helicopter Pilot Performance. <i>Military Psychology</i> , 1997, 9, 315-328.	1.1	10
52	Recovery sleep and performance following sleep deprivation with dextroamphetamine. <i>Journal of Sleep Research</i> , 1997, 6, 92-101.	3.2	17
53	The Effect of Body Position on the Perception of Cardiac Sensations: An Experiment and Theoretical Implications. <i>Psychophysiology</i> , 1987, 24, 300-311.	2.4	48
54	The Effects of Exposure to Red and Blue Light on Physiological Indices and Time Estimation. <i>Perception</i> , 1985, 14, 19-29.	1.2	35

#	ARTICLE	IF	CITATIONS
55	Cardiac Awareness in Infarct Patients and Normals. Psychophysiology, 1985, 22, 480-487.	2.4	22