Brad Aisbett

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1474242/publications.pdf

Version: 2024-02-01

102 papers	2,053 citations	236833 25 h-index	345118 36 g-index
105 all docs	105 docs citations	105 times ranked	1932 citing authors

#	Article	IF	Citations
1	Recovery of Cognitive Performance Following Multi-Stressor Military Training. Human Factors, 2024, 66, 389-403.	2.1	5
2	Labour productivity in Australian building construction projects: a roadmap for improvement. International Journal of Construction Management, 2022, 22, 2079-2088.	2.2	12
3	Informal management of health and safety risks associated with alarm response by Australian firefighters. Ergonomics, 2022, 65, 233-241.	1.1	3
4	Sleep duration and quality are associated with nutrient intake in elite female athletes. Journal of Science and Medicine in Sport, 2022, 25, 345-350.	0.6	10
5	Evening Whey Protein Intake, Rich in Tryptophan, and Sleep in Elite Male Australian Rules Football Players on Training and Nontraining Days. International Journal of Sport Nutrition and Exercise Metabolism, 2022, 32, 82-88.	1.0	2
6	Sleep of recruits throughout basic military training and its relationships with stress, recovery, and fatigue. International Archives of Occupational and Environmental Health, 2022, 95, 1331-1342.	1.1	5
7	A profile of the skills, attributes, development, and employment opportunities for sport scientists in Australia. Journal of Science and Medicine in Sport, 2022, 25, 419-424.	0.6	11
8	Quantification of Recruit Training Demands and Subjective Wellbeing during Basic Military Training. International Journal of Environmental Research and Public Health, 2022, 19, 7360.	1.2	7
9	Nutrient intake, meal timing and sleep in elite male Australian football players. Journal of Science and Medicine in Sport, 2021, 24, 7-12.	0.6	21
10	Bidirectional associations between emergency nursesâ€™ occupational and leisure physical activity: An observational study. Journal of Sports Sciences, 2021, 39, 705-713.	1.0	7
11	The effect of acute sleep deprivation on skeletal muscle protein synthesis and the hormonal environment. Physiological Reports, 2021, 9, e14660.	0.7	35
12	Total testosterone is not associated with lean mass or handgrip strength in pre-menopausal females. Scientific Reports, 2021, 11, 10226.	1.6	8
13	The Sleep of Elite Australian Rules Footballers During Preseason: A Comparison of Men and Women. International Journal of Sports Physiology and Performance, 2021, 16, 641-646.	1.1	8
14	The impact of a short burst of exercise on sleep inertia. Physiology and Behavior, 2021, 242, 113617.	1.0	5
15	The Impact of Chronotype on the Sleep and Training Responses of Elite Female Australian Footballers. Clocks & Sleep, 2021, 3, 528-535.	0.9	3
16	The impact of anticipating a stressful task on sleep inertia when on-call. Applied Ergonomics, 2020, 82, 102942.	1.7	13
17	Firefighter's Acute Inflammatory Response to Wildfire Suppression. Journal of Occupational and Environmental Medicine, 2020, 62, 145-148.	0.9	18
18	Emergency nursesâ€™ activity levels across rotating shifts. Australasian Emergency Care, 2020, 23, 203-210.	0.7	6

#	Article	IF	Citations
19	The accumulation of, and associations between, nursesâ€™ activity levels within their shift in the emergency department. Ergonomics, 2020, 63, 1525-1534.	1.1	3
20	Can an increase in noradrenaline induced by brief exercise counteract sleep inertia?. Chronobiology International, 2020, 37, 1474-1478.	0.9	6
21	Hot, Tired and Hungry: The Snacking Behaviour and Food Cravings of Firefighters during Multi-Day Simulated Wildfire Suppression. Nutrients, 2020, 12, 1160.	1.7	9
22	Exercising Caution Upon Wakingâ€“Can Exercise Reduce Sleep Inertia?. Frontiers in Physiology, 2020, 11, 254.	1.3	15
23	Physical Fatigue Detection Using Entropy Analysis of Heart Rate Signals. Sustainability, 2020, 12, 2714.	1.6	18
24	THE EFFECT OF A RHYTHMIC GYMNASTICS-BASED POWER-FLEXIBILITY PROGRAM ON THE LOWER LIMB FLEXIBILITY AND POWER OF CONTEMPORARY DANCERS. International Journal of Sports Physical Therapy, 2020, 15, 343-364.	0.5	3
25	Can stress act as a sleep inertia countermeasure when on-call?. Biological Rhythm Research, 2019, 50, 429-439.	0.4	8
26	Salivary cortisol profiles of on-call from home fire and emergency service personnel. Stress, 2019, 22, 436-445.	0.8	5
27	The inflammatory response to simulated day and night emergency alarm mobilisations. PLoS ONE, 2019, 14, e0218732.	1.1	3
28	Overnight heart rate variability and next day cortisol response during simulated on-call conditions. Psychoneuroendocrinology, 2019, 109, 104406.	1.3	8
29	Effects of total sleep deprivation on endurance cycling performance and heart rate indices used for monitoring athlete readiness. Journal of Sports Sciences, 2019, 37, 2691-2701.	1.0	19
30	The effects of hydration on cognitive performance during a simulated wildfire suppression shift in temperate and hot conditions. Applied Ergonomics, 2019, 77, 9-15.	1.7	13
31	Resistance Training and Skeletal Muscle Protein Metabolism in Eumenorrheic Females: Implications for Researchers and Practitioners. Sports Medicine, 2019, 49, 1637-1650.	3.1	32
32	Extended Sleep Maintains Endurance Performance Better than Normal or Restricted Sleep. Medicine and Science in Sports and Exercise, 2019, 51, 2516-2523.	0.2	36
33	Adding sleep restriction to the equation: impact on wildland firefightersâ€™ work performance and physiology in hot conditions. International Archives of Occupational and Environmental Health, 2018, 91, 601-611.	1.1	9
34	Inadequate sleep and muscle strength: Implications for resistance training. Journal of Science and Medicine in Sport, 2018, 21, 959-968.	0.6	72
35	Sleep in wildland firefighters: what do we know and why does it matter?. International Journal of Wildland Fire, 2018, 27, 73.	1.0	27
36	Job task characteristics of Australian emergency services volunteers during search and rescue operations. Ergonomics, 2018, 61, 265-272.	1.1	3

#	Article	IF	Citations
37	Identifying and characterising the physical demands for an Australian specialist policing unit. Applied Ergonomics, 2018, 68, 197-203.	1.7	21
38	No rest for the women: Understanding the impact of on-call work for women in the emergency services. Chronobiology International, 2018, 35, 827-837.	0.9	19
39	The effect of working on-call on stress physiology and sleep: AÂsystematic review. Sleep Medicine Reviews, 2017, 33, 79-87.	3.8	38
40	Nursesâ€™ occupational physical activity levels: A systematic review. International Journal of Nursing Studies, 2017, 73, 52-62.	2.5	61
41	Consensus on measurement properties and feasibility of performance tests for the exercise and sport sciences: a Delphi study. Sports Medicine - Open, 2017, 3, 2.	1.3	45
42	Effect of Heat Exposure and Simulated Physical Firefighting Work on Acute Inflammatory and Cortisol Responses. Annals of Work Exposures and Health, 2017, 61, 600-603.	0.6	7
43	The Pandolf equation under-predicts the metabolic rate of contemporary military load carriage. Journal of Science and Medicine in Sport, 2017, 20, S104-S108.	0.6	18
44	Salivary alpha amylase in on-call from home fire and emergency service personnel. Endocrine Connections, 2017, 6, 637-646.	0.8	4
45	The Effects of Simulated Wildland Firefighting Tasks on Core Temperature and Cognitive Function under Very Hot Conditions. Frontiers in Physiology, 2017, 8, 815.	1.3	24
46	The Impact of Heat Exposure and Sleep Restriction on Firefightersâ€™ Work Performance and Physiology during Simulated Wildfire Suppression. International Journal of Environmental Research and Public Health, 2017, 14, 180.	1.2	22
47	The Impact of Shiftwork on Skeletal Muscle Health. Nutrients, 2017, 9, 248.	1.7	27
48	Fighting fire and fatigue: sleep quantity and quality during multi-day wildfire suppression. Ergonomics, 2016, 59, 1-9.	1.1	39
49	The Injury Profile of an Australian Specialist Policing Unit. International Journal of Environmental Research and Public Health, 2016, 13, 370.	1.2	16
50	Firefightersâ€™ Physical Activity across Multiple Shifts of Planned Burn Work. International Journal of Environmental Research and Public Health, 2016, 13, 973.	1.2	19
51	On-call work: To sleep or not to sleep? It depends. Chronobiology International, 2016, 33, 678-684.	0.9	39
52	Sleep quantity and quality is not compromised during planned burn shifts of less than 12 h. Chronobiology International, 2016, 33, 657-666.	0.9	21
53	Psychophysiological relationships between a multi-component self-report measure of mood, stress and behavioural signs and symptoms, and physiological stress responses during a simulated firefighting deployment. International Journal of Psychophysiology, 2016, 110, 109-118.	0.5	17
54	Expectation of a loud alarm is not associated with changes in on-call sleep in the laboratory. Sleep and Biological Rhythms, 2016, 14, 279-285.	0.5	9

#	Article	IF	Citations
55	Whole-body vibration and occupational physical performance: a review. International Archives of Occupational and Environmental Health, 2016, 89, 181-197.	1.1	17
56	Associations between firefightersâ€™ physical activity across multiple shifts of wildfire suppression. Ergonomics, 2016, 59, 1-8.	1.1	18
57	Acute Psychophysiological Relationships Between Mood, Inflammatory and Cortisol Changes in Response to Simulated Physical Firefighting Work and Sleep Restriction. Applied Psychophysiology Biofeedback, 2016, 41, 165-180.	1.0	16
58	The impact of sleep restriction while performing simulated physical firefighting work on cortisol and heart rate responses. International Archives of Occupational and Environmental Health, 2016, 89, 461-475.	1.1	23
59	Sound the alarm: Health and safety risks associated with alarm response for salaried and retained metropolitan firefighters. Safety Science, 2016, 82, 174-181.	2.6	46
60	The effects of military body armour on trunk and hip kinematics during performance of manual handling tasks. Ergonomics, 2016, 59, 806-812.	1.1	11
61	Predicting physiological capacity of human load carriage â€“ A review. Applied Ergonomics, 2016, 52, 85-94.	1.7	38
62	The acute physiological stress response to an emergency alarm and mobilization during the day and at night. Noise and Health, 2016, 18, 150.	0.4	21
63	Sleep Restriction during Simulated Wildfire Suppression: Effect on Physical Task Performance. PLoS ONE, 2015, 10, e0115329.	1.1	32
64	The Impact of Sleep Restriction and Simulated Physical Firefighting Work on Acute Inflammatory Stress Responses. PLoS ONE, 2015, 10, e0138128.	1.1	29
65	Simulated Firefighting Task Performance and Physiology Under Very Hot Conditions. Frontiers in Physiology, 2015, 6, 322.	1.3	17
66	Relationships between inflammatory cytokine and cortisol responses in firefighters exposed to simulated wildfire suppression work and sleep restriction. Physiological Reports, 2015, 3, e12604.	0.7	31
67	Fluid intake, hydration, work physiology of wildfire fighters working in the heat over consecutive days. Annals of Occupational Hygiene, 2015, 59, 554-65.	1.9	14
68	Effect of heat on firefighters' work performance and physiology. Journal of Thermal Biology, 2015, 53, 1-8.	1.1	27
69	Effects of work-related sleep restriction on acute physiological and psychological stress responses and their interactions: A review among emergency service personnel. International Journal of Occupational Medicine and Environmental Health, 2015, 28, 183-208.	0.6	30
70	Sleeping at work: not all about location, location, location. Sleep Medicine Reviews, 2015, 19, 59-66.	3.8	15
71	Multiple Days of Heat Exposure on Firefightersâ€™ Work Performance and Physiology. PLoS ONE, 2015, 10, e0136413.	1.1	26
72	Task-Specific Effects of Modular Body Armor. Military Medicine, 2014, 179, 428-434.	0.4	11

#	Article	IF	Citations
73	Firefighter feedback during active cooling: A useful tool for heat stress management?. Journal of Thermal Biology, 2014, 46, 65-71.	1.1	18
74	Coronary Heart Disease Risk in Volunteer Firefighters in Victoria, Australia. Archives of Environmental and Occupational Health, 2014, 69, 112-120.	0.7	15
75	Trunk postures and upper-body muscle activations during physically demanding wildfire suppression tasks. Ergonomics, 2014, 57, 86-92.	1.1	8
76	Validation of GPS and accelerometer technology in swimming. Journal of Science and Medicine in Sport, 2014, 17, 234-238.	0.6	40
77	The effectiveness of health interventions in cardiovascular risk reduction among emergency service personnel. International Archives of Occupational and Environmental Health, 2013, 86, 245-260.	1.1	10
78	The effect of prescribed fluid consumption on physiology and work behavior of wildfire fighters. Applied Ergonomics, 2013, 44, 404-413.	1.7	24
79	A survey to identify physically demanding tasks performed during storm damage operations by Australian State Emergency Services personnel. Applied Ergonomics, 2013, 44, 128-133.	1.7	6
80	Muscle activation during the Pack Hike test and a critical wildfire fighting task. Applied Ergonomics, 2013, 44, 274-277.	1.7	1
81	Validity of an upper-body-mounted accelerometer to measure peak vertical and resultant force during running and change-of-direction tasks. Sports Biomechanics, 2013, 12, 403-412.	0.8	64
82	Body Armor, Performance, and Physiology During Repeated High-Intensity Work Tasks. Military Medicine, 2012, 177, 1308-1315.	0.4	37
83	Subjective job task analyses for physically demanding occupations: What is best practice?. Ergonomics, 2012, 55, 1266-1277.	1.1	16
84	Performance score variation between days at Australian national and Olympic women's artistic gymnastics competition. Journal of Sports Sciences, 2012, 30, 191-199.	1.0	6
85	Predicting Neck Pain in Royal Australian Air Force Fighter Pilots. Military Medicine, 2012, 177, 444-450.	0.4	12
86	Validating â€˜fit for dutyâ€™ tests for Australian volunteer fire fighters suppressing bushfires. Applied Ergonomics, 2012, 43, 191-197.	1.7	10
87	Identification of physically demanding tasks performed during bushfire suppression by Australian rural firefighters. Applied Ergonomics, 2012, 43, 435-441.	1.7	47
88	Pre-shift fluid intake: Effect on physiology, work and drinking during emergency wildfire fighting. Applied Ergonomics, 2012, 43, 532-540.	1.7	29
89	â€œAwake, smoky, and hotâ€: Providing an evidence-base for managing the risks associated with occupational stressors encountered by wildland firefighters. Applied Ergonomics, 2012, 43, 916-925.	1.7	85
90	Management of Neck Pain in Royal Australian Air Force Fast Jet Aircrew. Military Medicine, 2011, 176, 106-109.	0.4	12

#	Article	IF	Citations
91	The Effect of Body Armor on Performance, Thermal Stress, and Exertion: A Critical Review. Military Medicine, 2011, 176, 1265-1273.	0.4	64
92	Pack Hike Test finishing time for Australian firefighters: Pass rates and correlates of performance. Applied Ergonomics, 2011, 42, 411-418.	1.7	22
93	Neck strength recovery after a single bout of specific strengthening exercise. Physical Therapy in Sport, 2010, 11, 75-80.	0.8	2
94	Reliability and variability of day-to-day vault training measures in artistic gymnastics. Sports Biomechanics, 2010, 9, 79-97.	0.8	51
95	Validity and relevance of the pack hike wildland firefighter work capacity test: a review. Ergonomics, 2010, 53, 1276-1285.	1.1	26
96	Effects of starting strategy on 5-min cycling time-trial performance. Journal of Sports Sciences, 2009, 27, 1201-1209.	1.0	24
97	Influence of All-Out and Fast Start on 5-min Cycling Time Trial Performance. Medicine and Science in Sports and Exercise, 2009, 41, 1965-1971.	0.2	24
98	The Aerobic Energy Demands Of Simulated Tanker- Based Wildfire Fighting Tasks. Medicine and Science in Sports and Exercise, 2008, 40, S354.	0.2	5
99	Fighting with fire--how bushfire suppression can impact on fire fighters' health. Australian Family Physician, 2007, 36, 994-7.	0.5	6
100	Visual guidance during competition performance and runâ€through training in long jumping. Sports Biomechanics, 2006, 5, 1-14.	0.8	34
101	Estimating the total energy demand for supra-maximal exercise using the V̇O2-power regression from an incremental exercise test. Journal of Science and Medicine in Sport, 2003, 6, 343-347.	0.6	4
102	The influence of pacing during 6-minute supramaximal cycle ergometer performance. Journal of Science and Medicine in Sport, 2003, 6, 187-198.	0.6	15