

Luana C Main

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,711
citations

394286

19
h-index

302012

39
g-index

61
all docs

61
docs citations

61
times ranked

2027
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring the athlete training response: subjective self-reported measures trump commonly used objective measures: a systematic review. <i>British Journal of Sports Medicine</i> , 2016, 50, 281-291.	3.1	525
2	Influence of Sequential vs. Simultaneous Dual-Task Exercise Training on Cognitive Function in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 368.	1.7	121
3	Monitoring athletes through self-report: factors influencing implementation. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 137-46.	0.7	76
4	Athlete Self-Report Measures in Research and Practice: Considerations for the Discerning Reader and Fastidious Practitioner. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, S2-127-S2-135.	1.1	65
5	A multi-component assessment model for monitoring training distress among athletes. <i>European Journal of Sport Science</i> , 2009, 9, 195-202.	1.4	64
6	Relationship Between Inflammatory Cytokines and Self-Report Measures of Training Overload. <i>Research in Sports Medicine</i> , 2010, 18, 127-139.	0.7	60
7	Validation of GPS and accelerometer technology in swimming. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 234-238.	0.6	40
8	Role of a Self-report Measure in Athlete Preparation. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 685-691.	1.0	40
9	Impact of Training on Changes in Perceived Stress and Cytokine Production. <i>Research in Sports Medicine</i> , 2009, 17, 112-123.	0.7	37
10	Resistance Training and Skeletal Muscle Protein Metabolism in Eumenorrhic Females: Implications for Researchers and Practitioners. <i>Sports Medicine</i> , 2019, 49, 1637-1650.	3.1	32
11	Relationships between inflammatory cytokine and cortisol responses in firefighters exposed to simulated wildfire suppression work and sleep restriction. <i>Physiological Reports</i> , 2015, 3, e12604.	0.7	31
12	Effects of work-related sleep restriction on acute physiological and psychological stress responses and their interactions: A review among emergency service personnel. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2015, 28, 183-208.	0.6	30
13	The Impact of Sleep Restriction and Simulated Physical Firefighting Work on Acute Inflammatory Stress Responses. <i>PLoS ONE</i> , 2015, 10, e0138128.	1.1	29
14	Training distress and performance readiness: Laboratory and field validation of a brief self-report measure. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e483-490.	1.3	27
15	Stressors, Recovery Processes, and Manifestations of Training Distress in Dance. <i>Journal of Dance Medicine and Science</i> , 2013, 17, 70-78.	0.2	26
16	Randomized Trial of General Strength and Conditioning versus Motor Control and Manual Therapy for Chronic Low Back Pain on Physical and Self-Report Outcomes. <i>Journal of Clinical Medicine</i> , 2020, 9, 1726.	1.0	25
17	Impact of the talent development environment on the wellbeing and burnout of Caribbean youth track and field athletes. <i>European Journal of Sport Science</i> , 2021, 21, 590-603.	1.4	24
18	The impact of sleep restriction while performing simulated physical firefighting work on cortisol and heart rate responses. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 461-475.	1.1	23

#	ARTICLE	IF	CITATIONS
19	Kinanthropometric differences between 1997 World championship junior elite and 2011 national junior elite triathletes. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 444-449.	0.6	22
20	Profiling the Training Practices and Performance of Elite Rowers. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 572-580.	1.1	22
21	Circulating biomarkers associated with performance and resilience during military operational stress. <i>European Journal of Sport Science</i> , 2022, 22, 72-86.	1.4	22
22	The acute physiological stress response to an emergency alarm and mobilization during the day and at night. <i>Noise and Health</i> , 2016, 18, 150.	0.4	21
23	Monitoring stress and allostatic load in first responders and tactical operators using heart rate variability: a systematic review. <i>BMC Public Health</i> , 2021, 21, 1701.	1.2	20
24	Factors affecting maritime pilots' health and well-being: a systematic review. <i>International Maritime Health</i> , 2015, 66, 220-232.	0.3	20
25	Optimising conservative management of chronic low back pain: study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 184.	0.7	18
26	Examining the Mental Well-Being of Australian Sport Coaches. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4601.	1.2	18
27	Firefighter's Acute Inflammatory Response to Wildfire Suppression. <i>Journal of Occupational and Environmental Medicine</i> , 2020, 62, 145-148.	0.9	18
28	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. <i>International Journal of Psychophysiology</i> , 2016, 110, 109-118.	0.5	17
29	Construct validity and reliability of the Talent Development Environment Questionnaire in Caribbean youth track and field athletes. <i>PLoS ONE</i> , 2020, 15, e0227815.	1.1	17
30	Convergent validity of a novel method for quantifying rowing training loads. <i>Journal of Sports Sciences</i> , 2015, 33, 268-276.	1.0	16
31	Acute Psychophysiological Relationships Between Mood, Inflammatory and Cortisol Changes in Response to Simulated Physical Firefighting Work and Sleep Restriction. <i>Applied Psychophysiology Biofeedback</i> , 2016, 41, 165-180.	1.0	16
32	Overtraining or Burnout: A Training and Psycho-Behavioural Case Study. <i>International Journal of Sports Science and Coaching</i> , 2012, 7, 23-31.	0.7	14
33	Symptoms of fatigue and coping strategies in maritime pilotage. <i>International Maritime Health</i> , 2015, 66, 43-48.	0.3	14
34	Associations between inflammatory markers and well-being during 12 weeks of basic military training. <i>European Journal of Applied Physiology</i> , 2021, 121, 849-860.	1.2	13
35	Quantifying the Physiological Stress Response to Simulated Maritime Pilotage Tasks. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 1078-1083.	0.9	12
36	High Performance Coaches' Mental Health and Wellbeing: Applying the Areas of Work Life Model. <i>International Sport Coaching Journal</i> , 2018, 5, 293-300.	0.5	10

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37	General strength and conditioning versus motor control with manual therapy for improving depressive symptoms in chronic low back pain: A randomised feasibility trial. PLoS ONE, 2019, 14, e0220442.	1.1	9
38	Impact of Sport Context and Support on the Use of a Self-Report Measure for Athlete Monitoring. Journal of Sports Science and Medicine, 2015, 14, 732-9.	0.7	9
39	Utility of the multi-component training distress scale to monitor swimmers during periods of training overload. Research in Sports Medicine, 2016, 24, 254-265.	0.7	8
40	Associations between inflammatory and neurological markers with quality of life and well-being in older adults. Experimental Gerontology, 2019, 125, 110662.	1.2	8
41	The Relationship Between Psychological Stress and Anxiety with Gastrointestinal Symptoms Before and During a 56Åkm Ultramarathon Running Race. Sports Medicine - Open, 2021, 7, 93.	1.3	8
42	Development and Implementation of a Novel Measure for Quantifying Training Loads in Rowing. Journal of Strength and Conditioning Research, 2014, 28, 1172-1180.	1.0	7
43	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
44	Athlete Self-Report Measure Use and Associated Psychological Alterations. Sports, 2017, 5, 54.	0.7	7
45	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
46	Protection motivation theory screening tool for predicting chronic low back pain rehabilitation adherence: analysis of a randomised controlled trial. BMJ Open, 2022, 12, e052644.	0.8	6
47	Factors Predicting Training Delays and Attrition of Recruits during Basic Military Training. International Journal of Environmental Research and Public Health, 2022, 19, 7271.	1.2	6
48	Impact of shift work on sleep and fatigue in Maritime pilots. Ergonomics, 2021, 64, 856-868.	1.1	5
49	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
50	Impact of military training stress on hormone response and recovery. PLoS ONE, 2022, 17, e0265121.	1.1	5
51	Recovery of Cognitive Performance Following Multi-Stressor Military Training. Human Factors, 2024, 66, 389-403.	2.1	5
52	Soldier monitoring: A systematic review. Journal of Science and Medicine in Sport, 2017, 20, S68-S69.	0.6	4
53	Factors Influencing the Early Development of World-Class Caribbean Track and Field Athletes: A Qualitative Investigation. Journal of Sports Science and Medicine, 2019, 18, 758-771.	0.7	4
54	Monitoring Responses to Basic Military Training with Heart Rate Variability. Medicine and Science in Sports and Exercise, 2022, Publish Ahead of Print, .	0.2	4

#	ARTICLE	IF	CITATIONS
55	The inflammatory response to simulated day and night emergency alarm mobilisations. PLoS ONE, 2019, 14, e0218732.	1.1	3
56	Motives for Dropout Among Former Junior Elite Caribbean Track and Field Athletes: A Qualitative Investigation. Frontiers in Sports and Active Living, 2021, 3, 696205.	0.9	3
57	Sex differences among endurance athletes in the pre-race relationships between sleep, and perceived stress and recovery. Journal of Sports Sciences, 2022, 40, 1542-1551.	1.0	3
58	The multi-component training distress scale: Firefighter. Journal of Science and Medicine in Sport, 2017, 20, S156-S157.	0.6	2
59	Strategies for practitioners to effectively incorporate self-report measures into athletic preparation. Journal of Science and Medicine in Sport, 2017, 20, e65-e66.	0.6	1
60	The design and implementation of a novel method for quantifying training loads in elite rowing: The T2minute method. Journal of Science and Medicine in Sport, 2012, 15, S226-S227.	0.6	0
61	Factors influencing the implementation of self-report measures for athlete monitoring. Journal of Science and Medicine in Sport, 2013, 16, e65-e66.	0.6	0