

Daniel P Armstrong

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

103
citations

1684188

5
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementing powered stretcher and load systems was a cost effective intervention to reduce the incidence rates of stretcher related injuries in a paramedic service. <i>Applied Ergonomics</i> , 2017, 62, 34-42.	3.1	26
2	Considering movement competency within physical employment standards. <i>Work</i> , 2019, 63, 603-613.	1.1	20
3	Exploring the Application of Pattern Recognition and Machine Learning for Identifying Movement Phenotypes During Deep Squat and Hurdle Step Movements. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 364.	4.1	10
4	Feature Detection and Biomechanical Analysis to Objectively Identify High Exposure Movement Strategies When Performing the EPIC Lift Capacity test. <i>Journal of Occupational Rehabilitation</i> , 2021, 31, 50-62.	2.2	9
5	Ranking Stretcher and Backboard Related Paramedic Lifting Tasks Based on Their Biomechanical Demand on the Low Back. <i>IJSE Transactions on Occupational Ergonomics and Human Factors</i> , 2020, 8, 9-19.	0.8	7
6	Understanding individual differences in lifting mechanics: Do some people adopt motor control strategies that minimize biomechanical exposure. <i>Human Movement Science</i> , 2020, 74, 102689.	1.4	7
7	The influence of increased passive stiffness of the trunk and hips on balance control during reactive stepping. <i>Gait and Posture</i> , 2019, 72, 51-56.	1.4	4
8	The Ottawa Paramedic Physical Ability Test: test-retest reliability and analysis of sex-based performance differences. <i>Ergonomics</i> , 2019, 62, 1033-1042.	2.1	4
9	Application of Principal Component Analysis to Forward Reactive Stepping: Whole-body Movement Strategy Differs as a Function of Age and Sex. <i>Gait and Posture</i> , 2021, 89, 38-44.	1.4	4
10	Evaluating the effect of a strength and conditioning program to improve paramedic candidates' physical readiness for duty. <i>Work</i> , 2019, 63, 623-633.	1.1	3
11	The influence of sex and strength capacity on normalized low-back exposure during lifting: Insights from a joint power analysis. <i>Applied Ergonomics</i> , 2022, 102, 103756.	3.1	3
12	Body configuration as a predictor of centre of mass displacement in a forward reactive step. <i>Human Movement Science</i> , 2019, 66, 292-300.	1.4	2
13	Is deep squat movement strategy related to floor-to-waist height lifting strategy: implications for physical employment testing. <i>Ergonomics</i> , 2020, 63, 152-162.	2.1	2
14	Exploring the prospective efficacy of waste bag-body contact allowance to reduce biomechanical exposure in municipal waste collection. <i>Applied Ergonomics</i> , 2021, 90, 103182.	3.1	1
15	Little Less Conversation, Little More Action Please: The Pecha Kucha Student Thesis Competition. <i>Lecture Notes in Networks and Systems</i> , 2021, , 553-559.	0.7	1