Amity Cree Campbell

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5488068/publications.pdf

Version: 2024-02-01

54 papers	1,235 citations	331670 21 h-index	414414 32 g-index
55 all docs	55 docs citations	55 times ranked	1440 citing authors

#	Article	IF	Citations
1	The Effects of Walking and Cycling Computer Workstations on Keyboard and Mouse Performance. Human Factors, 2009, 51, 831-844.	3.5	126
2	Measurement of Upper Limb Range of Motion Using Wearable Sensors: A Systematic Review. Sports Medicine - Open, 2018, 4, 53.	3.1	71
3	Lumbar load in adolescent fast bowlers: A prospective injury study. Journal of Science and Medicine in Sport, 2016, 19, 117-122.	1.3	49
4	To Flex or Not to Flex? Is There a Relationship Between Lumbar Spine Flexion During Lifting and Low Back Pain? A Systematic Review With Meta-analysis. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 121-130.	3.5	48
5	Self-reported prevalence, pain intensity and risk factors of low back pain in adolescent rowers. Journal of Science and Medicine in Sport, 2014, 17, 266-270.	1.3	47
6	Towards monitoring lumbo-pelvic posture in real-life situations: Concurrent validity of a novel posture monitor and a traditional laboratory-based motion analysis system. Manual Therapy, 2012, 17, 77-83.	1.6	46
7	Investigation of Spinal Posture Signatures and Ground Reaction Forces During Landing in Elite Female Gymnasts. Journal of Applied Biomechanics, 2012, 28, 677-686.	0.8	43
8	Lumbar Loading in the Elite Adolescent Tennis Serve. Medicine and Science in Sports and Exercise, 2013, 45, 1562-1568.	0.4	42
9	Evidence-based guidelines for wise use of electronic games by children. Ergonomics, 2014, 57, 471-489.	2.1	38
10	Texting with touchscreen and keypad phones - A comparison of thumb kinematics, upper limb muscle activity, exertion, discomfort, and performance. Applied Ergonomics, 2018, 70, 232-239.	3.1	38
11	Effects of different technical coordinate system definitions on the three dimensional representation of the glenohumeral joint centre. Medical and Biological Engineering and Computing, 2009, 47, 543-550.	2.8	36
12	The Relationship Between Back Muscle Endurance and Physical, Lifestyle, and Psychological Factors in Adolescents. Journal of Orthopaedic and Sports Physical Therapy, 2010, 40, 517-523.	3.5	34
13	The lumbar spine of the young cricket fast bowler: An MRI study. Journal of Science and Medicine in Sport, 2012, 15, 190-194.	1.3	33
14	Lumbo-pelvic loading during fast bowling in adolescent cricketers: The influence of bowling speed and technique. Journal of Sports Sciences, 2013, 31, 1082-1090.	2.0	32
15	Upper and lower lumbar segments move differently during sit-to-stand. Manual Therapy, 2013, 18, 390-394.	1.6	31
16	Capturing the Pattern of Physical Activity and Sedentary Behavior: Exposure Variation Analysis of Accelerometer Data. Journal of Physical Activity and Health, 2014, 11, 614-625.	2.0	31
17	Greater lower limb flexion in gymnastic landings is associated with reduced landing force: a repeated measures study. Sports Biomechanics, 2015, 14, 45-56.	1.6	29
18	Translation equations to compare ActiGraph GT3X and Actical accelerometers activity counts. BMC Medical Research Methodology, 2012, 12, 54.	3.1	26

#	Article	IF	Citations
19	Back Pain in Tennis Players. Medicine and Science in Sports and Exercise, 2014, 46, 351-357.	0.4	25
20	Understanding why an active video game intervention did not improve motor skill and physical activity in children with developmental coordination disorder: A quantity or quality issue?. Research in Developmental Disabilities, 2017, 60, 1-12.	2.2	25
21	Children With Developmental Coordination Disorder Play Active Virtual Reality Games Differently Than Children With Typical Development. Physical Therapy, 2015, 95, 360-368.	2.4	22
22	In vivo laboratory validation of the physiometer: a measurement system for long-term recording of posture and movements in the workplace. Ergonomics, 2010, 53, 672-684.	2.1	21
23	Cognitive functional approach to manage low back pain in male adolescent rowers: a randomised controlled trial. British Journal of Sports Medicine, 2015, 49, 1125-1131.	6.7	21
24	Predicting Knee Joint Kinematics from Wearable Sensor Data in People with Knee Osteoarthritis and Clinical Considerations for Future Machine Learning Models. Sensors, 2022, 22, 446.	3.8	21
25	Achilles tendinopathy alters stretch shortening cycle behaviour during a sub-maximal hopping task. Journal of Science and Medicine in Sport, 2016, 19, 69-73.	1.3	20
26	Gender Differences in Trunk and Pelvic Kinematics During Prolonged Ergometer Rowing in Adolescents. Journal of Applied Biomechanics, 2013, 29, 180-187.	0.8	19
27	Cognitive Functional Therapy for the Management of Low Back Pain in an Adolescent Male Rower: A Case Report. Journal of Orthopaedic and Sports Physical Therapy, 2013, 43, 542-554.	3.5	18
28	Lumbo-Pelvic Biomechanics and Quadratus Lumborum Asymmetry in Cricket Fast Bowlers. Medicine and Science in Sports and Exercise, 2013, 45, 778-783.	0.4	18
29	Spinal Kinematics of Adolescent Male Rowers with Back Pain in Comparison with Matched Controls During Ergometer Rowing. Journal of Applied Biomechanics, 2015, 31, 459-468.	0.8	17
30	Lumbar Mechanics in Tennis Groundstrokes: Differences in Elite Adolescent Players With and Without Low Back Pain. Journal of Applied Biomechanics, 2016, 32, 32-39.	0.8	17
31	Caution: The use of an electromagnetic device to measure trunk kinematics on rowing ergometers. Sports Biomechanics, 2009, 8, 255-259.	1.6	15
32	Abdominal bracing during lifting alters trunk muscle activity and body kinematics. Applied Ergonomics, 2017, 63, 91-98.	3.1	15
33	Comparison of Upper Arm Kinematics During a Volleyball Spike Between Players With and Without a History of Shoulder Injury. Journal of Applied Biomechanics, 2013, 29, 155-164.	0.8	13
34	A comparison of the upper limb movement kinematics utilized by children playing virtual and real table tennis. Human Movement Science, 2014, 38, 84-93.	1.4	13
35	Abdominal Bracing Increases Ground Reaction Forces and Reduces Knee and Hip Flexion During Landing. Journal of Orthopaedic and Sports Physical Therapy, 2016, 46, 286-292.	3.5	13
36	An Exploration of Machine-Learning Estimation of Ground Reaction Force from Wearable Sensor Data. Sensors, 2020, 20, 740.	3.8	12

#	Article	IF	Citations
37	An Exploration of the Relationship Between Back Muscle Endurance and Familial, Physical, Lifestyle, and Psychosocial Factors in Adolescents and Young Adults. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 486-495.	3.5	11
38	Kinetic Sensitivity of a New Lumbo-Pelvic Model to Variation in Segment Parameter Input. Journal of Applied Biomechanics, 2013, 29, 354-359.	0.8	10
39	Differences in lower limb biomechanics between ballet dancers and non-dancers during functional landing tasks. Physical Therapy in Sport, 2018, 32, 180-186.	1.9	9
40	Lumbar spine side bending is reduced in end range extension compared to neutral and end range flexion postures. Manual Therapy, 2014, 19, 114-118.	1.6	8
41	Application of Inertial Measurement Units and Machine Learning Classification in Cerebral Palsy: Randomized Controlled Trial. JMIR Rehabilitation and Assistive Technologies, 2021, 8, e29769.	2.2	8
42	Exploring lumbar and lower limb kinematics and kinetics for evidence that lifting technique is associated with LBP. PLoS ONE, 2021, 16, e0254241.	2.5	8
43	Biering-Sorensen test performance of Japanese young males: comparison with other ethnicities and relationship to electromyography, near-infrared spectroscopy and exertion ratings. Ergonomics, 2011, 54, 636-655.	2.1	7
44	Response Time, Pistol Fire Position Variability, and Pistol Draw Success Rates for Hip and Thigh Holsters. Human Factors, 2013, 55, 425-434.	3.5	7
45	The Difference in Lower Limb Landing Kinematics Between Adolescent Dancers and Non-Dancers. Journal of Dance Medicine and Science, 2019, 23, 72-79.	0.7	7
46	Human Activity Recognition for People with Knee Osteoarthritisâ€"A Proof-of-Concept. Sensors, 2021, 21, 3381.	3.8	7
47	Stability of lower limb minimal perceptible difference in floor height during hopping stretch-shortening cycles. Physiological Measurement, 2013, 34, 1375-1386.	2.1	6
48	Responsiveness of Clinical and Laboratory Measures to Intervention Effects in Children With Developmental Coordination Disorder. Pediatric Physical Therapy, 2015, 27, 44-51.	0.6	5
49	An Exploration of Pre-Professional Dancersâ€™ Beliefs of the Low Back and Dance-Specific Low Back Movements. Medical Problems of Performing Artists, 2019, 34, 141-146.	0.4	4
50	Physiotherapists could detect changes of 12 degrees or more in single-plane movement when observing forward bending, squat or hand-over-head: A cross-sectional experiment. Musculoskeletal Science and Practice, 2022, 61, 102594.	1.3	4
51	Are neck pain and posture related?. Physical Therapy Reviews, 2010, 15, 115-116.	0.8	3
52	Validation of custom wearable sensors to measure angle kinematics: A technical report. Health and Technology, 2019, 9, 887-892.	3.6	3
53	Movement quantity and quality: How do they relate to pain and disability in dancers?. PLoS ONE, 2022, 17, e0268444.	2.5	2
54	Does intra-lumbar flexion during lifting differ in manual workers with and without a history of low back pain? A cross-sectional laboratory study. Ergonomics, 2022, 65, 1380-1396.	2.1	1