

# Christian Arthur Clermont

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4543417/publications.pdf>

Version: 2024-02-01

22  
papers

710  
citations

643344

15  
h-index

721071

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

812  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of midsole shear on running economy and smoothness with a 3D-printed midsole. <i>Sports Biomechanics</i> , 2023, 22, 410-421.	0.8	4
2	Same name, same game, but is it different? An investigation of female rugby union match events in Canadian Varsity players. <i>International Journal of Sports Science and Coaching</i> , 2022, 17, 1119-1127.	0.7	4
3	Is This the Real Life, or Is This Just Laboratory? A Scoping Review of IMU-Based Running Gait Analysis. <i>Sensors</i> , 2022, 22, 1722.	2.1	35
4	Sex differences in the regularity and symmetry of gait in older adults with and without knee osteoarthritis. <i>Gait and Posture</i> , 2022, 95, 192-197.	0.6	4
5	Measuring Gait Velocity and Stride Length with an Ultrawide Bandwidth Local Positioning System and an Inertial Measurement Unit. <i>Sensors</i> , 2021, 21, 2896.	2.1	8
6	Runners' Perspectives on "Smart" Wearable Technology and Its Use for Preventing Injury. <i>International Journal of Human-Computer Interaction</i> , 2020, 36, 31-40.	3.3	35
7	New Considerations for Collecting Biomechanical Data Using Wearable Sensors: The Effect of Different Running Environments. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 86.	2.0	18
8	Fatigue-Related Changes in Running Gait Patterns Persist in the Days Following a Marathon Race. <i>Journal of Sport Rehabilitation</i> , 2020, 29, 934-941.	0.4	10
9	Running patterns for male and female competitive and recreational runners based on accelerometer data. <i>Journal of Sports Sciences</i> , 2019, 37, 204-211.	1.0	57
10	New Considerations for Collecting Biomechanical Data Using Wearable Sensors: How Does Inclination Influence the Number of Runs Needed to Determine a Stable Running Gait Pattern?. <i>Sensors</i> , 2019, 19, 2516.	2.1	12
11	Automated Accelerometer-Based Gait Event Detection During Multiple Running Conditions. <i>Sensors</i> , 2019, 19, 1483.	2.1	49
12	Subject-specific and group-based running pattern classification using a single wearable sensor. <i>Journal of Biomechanics</i> , 2019, 84, 227-233.	0.9	36
13	Classification of higher- and lower-mileage runners based on running kinematics. <i>Journal of Sport and Health Science</i> , 2019, 8, 249-257.	3.3	27
14	New Considerations for Wearable Technology Data: Changes in Running Biomechanics During a Marathon. <i>Journal of Applied Biomechanics</i> , 2019, 35, 401-409.	0.3	30
15	Classifying running speed conditions using a single wearable sensor: Optimal segmentation and feature extraction methods. <i>Journal of Biomechanics</i> , 2018, 71, 94-99.	0.9	39
16	The use of wearable devices for walking and running gait analysis outside of the lab: A systematic review. <i>Gait and Posture</i> , 2018, 63, 124-138.	0.6	168
17	Using wearable sensors to classify subject-specific running biomechanical gait patterns based on changes in environmental weather conditions. <i>PLoS ONE</i> , 2018, 13, e0203839.	1.1	42
18	Kinematic Gait Patterns in Competitive and Recreational Runners. <i>Journal of Applied Biomechanics</i> , 2017, 33, 268-276.	0.3	39

#	ARTICLE	IF	CITATIONS
19	The use of real-time feedback to improve kinematic marker placement consistency among novice examiners. <i>Gait and Posture</i> , 2017, 58, 440-445.	0.6	2
20	Fuzzy Inference System-based Recognition of Slow, Medium and Fast Running Conditions using a Triaxial Accelerometer. <i>Procedia Computer Science</i> , 2017, 114, 401-407.	1.2	18
21	Accelerometer-Based Step Regularity Is Lower in Older Adults with Bilateral Knee Osteoarthritis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 625.	1.0	32
22	Accelerometer-based determination of gait variability in older adults with knee osteoarthritis. <i>Gait and Posture</i> , 2016, 50, 126-130.	0.6	40