Christian Arthur Clermont

List of Publications by Year
in descending order

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

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22	710	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The use of wearable devices for walking and running gait analysis outside of the lab: A systematic review. Gait and Posture, 2018, 63, 124-138.	1.4	168
2	Running patterns for male and female competitive and recreational runners based on accelerometer data. Journal of Sports Sciences, 2019, 37, 204-211.	2.0	57
3	Automated Accelerometer-Based Gait Event Detection During Multiple Running Conditions. Sensors, 2019, 19, 1483.	3.8	49
4	Using wearable sensors to classify subject-specific running biomechanical gait patterns based on changes in environmental weather conditions. PLoS ONE, 2018, 13, e0203839.	2.5	42
5	Accelerometer-based determination of gait variability in older adults with knee osteoarthritis. Gait and Posture, 2016, 50, 126-130.	1.4	40
6	Kinematic Gait Patterns in Competitive and Recreational Runners. Journal of Applied Biomechanics, 2017, 33, 268-276.	0.8	39
7	Classifying running speed conditions using a single wearable sensor: Optimal segmentation and feature extraction methods. Journal of Biomechanics, 2018, 71, 94-99.	2.1	39
8	Subject-specific and group-based running pattern classification using a single wearable sensor. Journal of Biomechanics, 2019, 84, 227-233.	2.1	36
9	Runnersâ€™ Perspectives on â€˜Smartâ€™ Wearable Technology and Its Use for Preventing Injury. International Journal of Human-Computer Interaction, 2020, 36, 31-40.	4.8	35
10	Is This the Real Life, or Is This Just Laboratory? A Scoping Review of IMU-Based Running Gait Analysis. Sensors, 2022, 22, 1722.	3.8	35
11	Accelerometer-Based Step Regularity Is Lower in Older Adults with Bilateral Knee Osteoarthritis. Frontiers in Human Neuroscience, 2016, 10, 625.	2.0	32
12	New Considerations for Wearable Technology Data: Changes in Running Biomechanics During a Marathon. Journal of Applied Biomechanics, 2019, 35, 401-409.	0.8	30
13	Classification of higher- and lower-mileage runners based on running kinematics. Journal of Sport and Health Science, 2019, 8, 249-257.	6.5	27
14	Fuzzy Inference System-based Recognition of Slow, Medium and Fast Running Conditions using a Triaxial Accelerometer. Procedia Computer Science, 2017, 114, 401-407.	2.0	18
15	New Considerations for Collecting Biomechanical Data Using Wearable Sensors: The Effect of Different Running Environments. Frontiers in Bioengineering and Biotechnology, 2020, 8, 86.	4.1	18
16	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?. Sensors, 2019, 19, 2516.	3.8	12
17	Fatigue-Related Changes in Running Gait Patterns Persist in the Days Following a Marathon Race. Journal of Sport Rehabilitation, 2020, 29, 934-941.	1.0	10
18	Measuring Gait Velocity and Stride Length with an Ultrawide Bandwidth Local Positioning System and an Inertial Measurement Unit. Sensors, 2021, 21, 2896.	3.8	8

#	Article	IF	Citations
19	Same name, same game, but is it different? An investigation of female rugby union match events in Canadian Varsity players. International Journal of Sports Science and Coaching, 2022, 17, 1119-1127.	1.4	4
20	The influence of midsole shear on running economy and smoothness with a 3D-printed midsole. Sports Biomechanics, 2023, 22, 410-421.	1.6	4
21	Sex differences in the regularity and symmetry of gait in older adults with and without knee osteoarthritis. Gait and Posture, 2022, 95, 192-197.	1.4	4
22	The use of real-time feedback to improve kinematic marker placement consistency among novice examiners. Gait and Posture, 2017, 58, 440-445.	1.4	2