

Forward and backward walking : multifactorial characterization of gait parameters

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Land and underwater gait analysis using wearable IMU

Monoli, Cecilia; Fuentes-Perez, Juan Francisco; Cau, Nicola; Capodaglio, Paolo; Galli, Manuela; **Tuhtan, Jeffrey Andrew** IEEE sensors journal 2021 / p. 11192-11202 <https://doi.org/10.1109/JSEN.2021.3061623> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Latest research trends in gait analysis using wearable sensors and machine learning: A systematic review

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Real-time gait anomaly detection using 1D-CNN and LSTM

Rostovski, Jakob; **Ahmadilivani, Mohammad Hasan**; **Krivošei, Andrei**; **Kuusik, Alar**; **Alam, Muhammad Mahtab** Digital Health and Wireless Solutions : First Nordic Conference, NCDHWS 2024, Oulu, Finland, May 7–8, 2024 : Proceedings, Part II 2024 / p. 260-278 https://doi.org/10.1007/978-3-031-59091-7_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Real-time gait anomaly detection using SVM time series classification

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SVM Time series classification of selected gait abnormalities

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