

Comparing land and underwater gait characteristics with inertial measurement units

Monoli, Cecilia; Gasparini, Isabella; Piccinini, Luigi; **Tuhtan, Jeffrey Andrew**; Galli, Manuela 26th Congress of the European Society of Biomechanics, July 11-14, 2021, Milan, Italy : conference paper 2021 / 2 p. : ill
https://www.researchgate.net/publication/353803400_Comparing_Land_and_Underwater_Gait_Characteristics_with_Inertial_Measurement_Units

Home telecare and rehabilitation system with aspect oriented functional integration

Kuusik, Alar; Reilent, Enar; Sarna, Külli; **Parve, Marko** Biomedical Engineering = Biomedizinische Technik ; 57 2012 / p. 1004-1007 : ill <https://pubmed.ncbi.nlm.nih.gov/23096276/>

Implementation of surface EMG for rehabilitation studies

Ferenets, Rain; **Tuulik, Viuu**; **Lass, Jaanus** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 416-417: ill

Improving the reliability of underwater gait analysis using wearable pressure and inertial sensors

Monoli, Cecilia; Galli, Manuela; **Tuhtan, Jeffrey Andrew** PLoS One 2024 / e0300100, 15 p
<https://doi.org/10.1371/journal.pone.0300100> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kõnetuvastus ja rehabilitatsioon

Võhandu, Leo A & A 2002 / 5, lk. 34-38

Land and underwater gait analysis using wearable IMU

Monoli, Cecilia; Fuentez-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](#)

Neural networks based system for the supervision of therapeutic exercises

Nõmm, Sven; **Kuusik, Alar**; **Ovsjanski, Sergei**; Malmberg, Ines; **Parve, Marko**; Orunurm, Lii Neural information processing : 19th International Conference, ICONIP 2012, Doha, Qatar, November 12-15, 2012 : proceedings. Part IV 2012 / p. 364-371 : ill
https://link.springer.com/chapter/10.1007/978-3-642-34478-7_45

A novel approach for aquatic gait analysis using wearable inertial and hydrodynamic pressure sensors = Uudne

lähenemisviis veealuse kõnnaku analüüsiks, kasutades kantavaid inertsiaalseid ja hüdrodünaamilisi rõhuandureid

Monoli, Cecilia 2024 https://www.ester.ee/record=b5685206*est <https://digikogu.taltech.ee/et/Item/f6ca5db2-99f6-48c2-98f8-c6ae343ddf7f>
<https://doi.org/10.23658/taltech.22/2024>

Programm "Töölesaamist toetavad hoolekandemeetmed 2010-2013" : "Töölesaamist toetavate rehabilitatsiooniprogrammide pakkumine" : lõppraport [Võrguteavik]

Narusson, Dagmar; **Kadak, Tarmo** 2011 <https://pdfslide.tips/documents/toeoelesaamist-toetavate-rehabilitatsiooniprogrammide-pakkumine-.html?page=1>

The possibilities of rehabilitation in occupational medicine

Tuulik, Viuu 5th European Congress on Research in Rehabilitation, Helsinki, Finland 28 May-1 June 1995 : abstracts 1995 / p. 53

Upper extremity movement evaluation using markerless motion capture system

Gavriljuk, Marietta; **Kuts, Vladimir**; Gapeyeva, Helena; **Otto, Tauno**; **Pizzagalli, Simone Luca** EuroVR 2020 Application, exhibition & demo track : proceedings of the virtual conference 2020 / p. 83-86 <https://doi.org/10.32040/2242-122X.2020.T381>