

Eestis arendati välja pördajalgne robot

Godon, Simon Pierre Imeline Teadus 2025 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

An insight on mud behavior upon stepping

Godon, Simon Pierre; Ristolainen, Asko; Kruusmaa, Maarja IEEE robotics and automation letters 2022 / p. 11039-11046
<https://doi.org/10.1109/LRA.2022.3194667> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Legged Locomotion on Soft and Wet Terrains [Võrguteavik] = Jalgadel liikumine pehmel ja märjal maastikul

Godon, Simon Pierre 2025 https://www.ester.ee/record=b5754511*est <https://digikogu.taltech.ee/et/Item/3fa536fe-cad0-47ce-b240-5415fb6ce141> <https://doi.org/10.23658/taltech.48/2025>

Maneuvering on non-Newtonian fluidic terrain : a survey of animal and bio-inspired robot locomotion techniques on soft yielding grounds

Godon, Simon Pierre; Kruusmaa, Maarja; Ristolainen, Asko Frontiers in Robotics and AI 2023 / art. 1113881
<https://doi.org/10.3389/frobt.2023.1113881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multi-terrain robot prototype with archimedean screw actuators : design, realization, modeling, and control

Gkliva, Roza; Remmas, Mohamed Walid; Godon, Simon Pierre; Rebane, Jaan; Ochs, Kilian; Kruusmaa, Maarja; Ristolainen, Asko IEEE Access 2024 / p. 95820 - 95830 <https://doi.org/10.1109/ACCESS.2024.3426105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ROBOMINERS resilient reflectance/fluorescence spectrometers

Burlet, Christian; Stasi, Giorgia; Godon, Simon Pierre; Gkliva, Roza; Piho, Laura; Ristolainen, Asko EGU General Assembly 2023, Vienna, Austria, 24–28 Apr 2023 2023 / EGU-12056 <https://doi.org/10.5194/egusphere-egu23-12056>

Robot ja põder käivad ühte jalga

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/robot-ja-poder-kaivad-uh-te-jalga/>

Robotic feet modeled after ungulates improve locomotion on soft wet grounds

Godon, Simon Pierre; Ristolainen, Asko; Kruusmaa, Maarja Bioinspiration and biomimetics 2024 / art. 066009, 12 p. : ill
<https://doi.org/10.1088/1748-3190/ad839c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TalTechi põdrajalgse roboti uudis pälvis maailmas tähelepanu

Pärm, Rein postimees.ee 2025 [TalTechi põdrajalgse roboti uudis pälvis maailmas tähelepanu](https://postimees.ee/ai/roboti-uudis-palvis-maailmas-tahelepanu)

Walking in Mud : Modeling, Control, and Experiments of Quadruped Locomotion

Godon, Simon Pierre; Prados, Carlos; Chemori, Ahmed; Ristolainen, Asko; Kruusmaa, Maarja IEEE/ASME Transactions on Mechatronics 2025 / 12 p. : ill <https://doi.org/10.1109/TMECH.2025.3560588>