FLPP
FUNDAMENTĀLO UN LIETIŠĶO PĒTĪJUMU PROJEKTI

Projekta Izp-2020/1-0358 rezultāti

Komunikācijas sistēma caur cilvēka ķermeni ar pielietojumiem ķermeņa mēroga bezvadu tīklos

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS

1. Lapsa, D.; Janeliukstis, R.; Elsts, A. Adaptive Signal-to-Noise Ratio Indicator for Wearable Bioimpedance Monitoring. - Sensors, 2023, https://doi.org/10.3390/s23208532

2. Aristov, V.; Elsts, A. Human Body as a Signal Transmission Medium for Body-Coupled Communication: Galvanic-Mode Models. - Electronics, 2023, https://doi.org/10.3390/electronics12214550

3. Ormanis, J.; Medvedevs, V.; Sevcenko, A.; Aristov,V.; Abolins, V.; Elsts, A. Dataset on the Human Body as a Signal Propagation Medium for Body Coupled Communication. - Data in Brief, 2023, https://doi.org/10.1016/j.dib.2023.109892

4. Aristov, V. Remote Complex Resistance Measurement. - Automatic Control and Computer Sciences, 2023, https://doi.org/10.3103/S0146411623050048

5. Ormanis, J.; Medvedevs, V.; Āboliņš, V.; Gaigals, G.; Elsts, A. Signal Loss in Body Coupled Communication: Guide for Accurate Measurements. - Proceedings of Workshop on Benchmarking Cyber-Physical Systems and Internet of Things (CPS-IoTBench), 2022, https://doi.org/10.1109/CPS-IoTBench56135.2022.00011

Zinātniskās datubāzes un datu kopas

1. Ormanis, J.; Medvedevs, V.; Aristovs, V.; Abolins, V.; Sevcenko, A.; Elsts, A. Dataset on the Human Body as a Signal Propagation Medium. - Zenodo, 2023, https://doi.org/10.5281/zenodo.8214497