

Projekta Izp-2020/2-0344 rezultāti

Radiofrekvenču bezvadu jaudas pārraide bezvadu sensoru tīkla lietojumam

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. Eidaks, J.; Kusnins, R.; Babajans, R.; Cirjulina, D.; Semenjako, J.; Litvinenko, A. Fast and Accurate Approach to RF–DC Conversion Efficiency Estimation for Multi-Tone Signals. – Sensors, 2022, 22 (3), <https://doi.org/10.3390/s22030787>
2. Eidaks, J.; Kusnins, R.; Laksis, D.; Babajans, R.; Litvinenko, A. Signal Waveform Impact on RF-DC Conversion Efficiency for Different Energy Harvesting Circuits. - IEEE Microwave Theory and Techniques in Wireless Communications (MTTW), Electr. Network, Oct 07-08, 2021; IEEE: NEW YORK, 2021; pp 1-6. <https://doi.org/10.1109/mttw53539.2021.9607090>
3. Litvinenko, A.; Kusnins, R.; Aboltins, A.; Eidaks, J.; Laksis, D.; Sadovksis, J. About Simultaneous Information and Power Transfer in WSN using Frequency Modulation. - 8th IEEE Workshop on Advances in Information, Electronic and Electrical Engineering, AIEEE 2020, 2021; Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/AIEEE51419.2021.9435778>