

Wykaz Publikacji

Publikacje oraz patenty związane z rozprawą doktorską:

Opublikowane:

1. *Modeling and implementation of TEG-based energy harvesting system for steam sterilization surveillance sensor node*, **Mateusz DANIOL**, Lukas BÖHLER, Ryszard SROKA, Anton Keller, Sensors ; ISSN 1424-8220. — 2020 — vol. 20 iss. 21 art. no. 6338, s. 1–14.
2. *Sensors in the autoclave-modelling and implementation of the IoT steam sterilization procedure counter*, Lukas BÖHLER, **Mateusz DANIOL**, Ryszard SROKA, Dominik Osiński, Anton Keller, Sensors; ISSN 1424-8220. — 2021 — vol. 21 iss. 2 art. no. 510, s. 1–17.

Zgłoszone Patenty:

1. WO2021148450A1, DE102020101654A1, CN115003338A, EP4093444A1, US20220354617A1 - "Sterile Container with an NFC Module", Lukas Böhler, Matthias Henke, **Mateusz Daniol**,
2. WO2021148425A1, EP4093445A1, US20230033001A1, CN113613686A, DE102020101655A1 - "Method for Automatic and Sterile-container-specific Detection of Sterilisation Cycles Carried out by a Sterile Container", Lukas Böhler, Matthias Henke, **Mateusz Daniol**
3. WO2021148642A1, EP4094212A1, US20230046713A1, CN115176259A, DE102020101651A1 – "Storage System and Method for Storing Medical Products", **Mateusz Daniol**, Matthias Henke, Lukas Böhler
4. WO2021148425A1, EP4093445A1, US20230033001A1, CN113613686A, DE102020101655A1 - "Process for the Automatic and Sterile Container-specific Recording of Sterilization Cycles Carried out by Means of a Sterile Container", Lukas Böhler, Matthias Henke, **Mateusz Daniol**
5. WO2022063718A1, EP4076264A1, DE102020125114A1 - "Modular Detection System for Sterile Circuit Monitoring and Method for Monitoring a Sterile Material Circuit", Frederick Lenzenhuber, Lukas Böhler, **Mateusz Daniol**, Roland-Alois Högerle, Stephanie Auber, Ralf Pfister
6. DE102020109931A1 - "Wireless Medical Device", **Mateusz Daniol**, Lukas Böhler
7. DE102020129082A1 - "Sterile Container with Transmitter Module and Sterile Container Monitoring System", **Mateusz Daniol**, Lukas Böhler