Latest research - DTU Orbit (28/08/2019)

Proton-driven plasma wakefield acceleration in AWAKE

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Hardlock: Real-time multicore locking

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Sex-specific difference in migration schedule as a precursor of protandry in a long-distance migratory bird

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Closed-loop control with unannounced exercise for adults with type 1 diabetes using the Ensemble Model Predictive Control

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Optimal allocation of HVDC interconnections for exchange of energy and reserve capacity services

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Multi-objective optimization of a circular dual back-plate MEMS microphone: tradeoff between pull-in voltage, sensitivity and resonance frequency
Saadatmand, M. & Kook, J., 1 Aug 2019, In : Microsystem Technologies. 25, 8, p. 2937-2947

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Three-spin solid effect and the spin diffusion barrier in amorphous solids

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Towards subdiffraction imaging with wire array metamaterial hyperlenses at MIR frequencies

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Efficient sound radiation using a bandgap structure

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Symbolic computation of differential equivalences

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review
Generating Maximal Entanglement between Spectrally Distinct Solid-State Emitters
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Deconvolution of autoencoders to learn biological regulatory modules from single cell mRNA sequencing data
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Y-DWMS - A digital watermark management system based on smart contracts
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Detecting malicious nodes via gradient descent and support vector machine in Internet of Things
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Comparison of two microphone array geometries for surface impedance estimation
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Robust estimation of voltage harmonics in a single-phase system
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Compression of dry lysozyme targets: The target preparation pressure as a new parameter in protein thin film production by pulsed laser deposition
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Linear codes associated to skew-symmetric determinantal varieties
Beelen, P. & Singh, P., 1 Jul 2019, In : Finite fields and their applications. 58, p. 32-45
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Designing collaborative blockchained signature-based intrusion detection in IoT environments
Li, W., Tug, S., Meng, W. & Wang, Y., 1 Jul 2019, In : Future Generation Computer Systems. 96, p. 481-489
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Individual differences in replicated multi-product experiments with Thurstonian mixed models for binary paired comparison data
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review