Latest research - DTU Orbit (05/05/2019)

Quantifying the power output and structural figure-of-merits of triboelectric nanogenerators in a charging system starting from the Maxwell's displacement current
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

A modality-adaptive method for segmenting brain tumors and organs-at-risk in radiation therapy planning
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Quantum and non-signalling graph isomorphisms
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Simultaneous image fusion and denoising by using fractional-order gradient information
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Multi-Output Gaussian Processes for Crowdsourced Traffic Data Imputation
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Operational measures to mitigate and reverse the potential modal shifts due to environmental legislation
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Bifurcation theory for vortices with application to boundary layer eruption
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Adaptive entropy-based learning with dynamic artificial neural network
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Analytical and Experimental Performance Evaluation of Antenna Misalignment in Ka-band Wireless Links
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

An Adaptive Robotic System for Doing Pick and Place Operations with Deformable Objects
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

NOx conversion in La0.85Sr0.15Co0.03Mn0.97O3+d-Ce0.9Gd0.1O1.95 porous cell stacks infiltrated with Pt
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Multi-output bus travel time prediction with convolutional LSTM neural network
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review
Symmetry of superconducting correlations in displaced bilayers of graphene
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Cyprus Women's Health Research (COHERE) initiative: Determining the relative burden of women's health conditions and related co-morbidities in an Eastern Mediterranean population
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Functional Role of Fe-Doping in Co-Based Perovskite Oxide Catalysts for Oxygen Evolution Reaction
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Abiotic Nitrous Oxide (N₂O) Production Is Strongly pH Dependent, but Contributes Little to Overall N₂O Emissions in Biological Nitrogen Removal Systems
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

The application of Software Defined Networking on securing computer networks: A survey
Research output: Contribution to journal › Review – Annual report year: 2019 › Research › peer-review

Muscle fibre morphology and microarchitecture in cerebral palsy patients obtained by 3D synchrotron X-ray computed tomography
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Numerical predictions of U-notched sample failure based on a discrete energy argument
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Peer-to-peer and community-based markets: A comprehensive review
Research output: Contribution to journal › Review – Annual report year: 2019 › Research › peer-review