Statistics and Data Analysis - Publications - DTU Orbit (23/09/2018)

Breakfast in Denmark. Prevalence of Consumption, Intake of Foods, Nutrients and Dietary Quality. A Study from the International Breakfast Research Initiative
Publication: Research - peer-review › Journal article – Annual report year: 2018

How a 10-day heatwave impacts barley grain yield when superimposed onto future levels of temperature and CO₂ as single and combined factors
Publication: Research - peer-review › Journal article – Annual report year: 2018

Transcription factor co-expression networks of adipose RNA-Seq data reveal regulatory mechanisms of obesity
Publication: Research - peer-review › Journal article – Annual report year: 2018

Approximation of ruin probabilities via Erlangized scale mixtures
Peralta, O., Rojas-Nandayapa, L., Xie, W. & Yao, H. 1 Jan 2018 In : Insurance: Mathematics and Economics. 78, p. 136-156
Publication: Research - peer-review › Journal article – Annual report year: 2018

A Methodology for Development of a Pedagogical Simulation Tool used in Fermentation Applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

A multimodal data-set of a unidirectional glass fibre reinforced polymer composite
Publication: Research - peer-review › Journal article – Annual report year: 2018

Analysis of MRI by fractals for prediction of sensory attributes: A case study in loin
Publication: Research - peer-review › Journal article – Annual report year: 2018

Analyzing Product and Individual Differences in Sensory Discrimination Testing by Thurstonian and Statistical models
Publication: Research › Ph.D. thesis – Annual report year: 2018

Application of data clustering to railway delay pattern recognition
Publication: Research - peer-review › Journal article – Annual report year: 2018

Assessing spatial correlations of sea surges around Copenhagen
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Associations Between DrugStar App Events and Perceived benefits of Diabetes Patients
Publication: Research › Report – Annual report year: 2018

Benefits of spatio-temporal modelling for short term wind power forecasting at both individual and aggregated levels
Publication: Research - peer-review › Journal article – Annual report year: 2018
Biadditive Mixed Models - Advancing Computational Methods and Applications
Publication: Research › Ph.D. thesis – Annual report year: 2018

Big data analytics using semi-supervised learning methods
Publication: Research - peer-review › Journal article – Annual report year: 2018

Carbon dioxide – a potentially explosive smoldering silo fire suppressant
Hedlund, F. H. 2018 In : Bioenergy International. Pellets Special 4, p. 32-33
Publication: Communication › Journal article – Annual report year: 2018

Carbon dioxide not suitable for extinguishment of smouldering silo fires: static electricity may cause silo explosion
Hedlund, F. H. 2018 In : Biomass & Bioenergy. 108, p. 113–119
Publication: Research - peer-review › Journal article – Annual report year: 2018

Comparison of different image analysis algorithms on MRI to predict physico-chemical and sensory attributes of loin
Publication: Research - peer-review › Journal article – Annual report year: 2018

Computing segmentations directly from x-ray projection data via parametric deformable curves: Paper
Publication: Research - peer-review › Journal article – Annual report year: 2018

Dangers of releasing CO₂ to fight fires in the cargo hold of seagoing bulk carriers
Hedlund, F. H. & Jarleivson Hilduberg, Ø. 2018
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Dangers of using CO₂ to quench wood pellet silo fires
Publication: Communication › Internet publication – Annual report year: 2018

Data driven quantification of the temporal scope of building LCAs
Publication: Research - peer-review › Conference article – Annual report year: 2018

Deformable Curves for Outlining Objects Directly From Projections
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Do Not Release Carbon Dioxide If Flammable Vapors Are Present – Static Electricity May Lead To Explosion
Hedlund, F. H. 2018 Electronic resource.
Publication: Communication › Internet publication – Annual report year: 2018

Effect of DrugStars App Use on Life Quality and Attitudes of Diabetes Patients
Publication: Research › Report – Annual report year: 2018

Effects of Lifestyle on Muscle Strength in a Healthy Danish Population
Publication: Research - peer-review › Journal article – Annual report year: 2018
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Harvest time prediction for batch processes
Publication: Research - peer-review › Journal article – Annual report year: 2018

Incomplete understanding of biogas chemical hazards – Serious gas poisoning accident while unloading food waste at biogas plant
Publication: Research - peer-review › Journal article – Annual report year: 2018

Investigation of a Monturaqui Impactite by Means of Bi-Modal X-ray and Neutron Tomography
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Land-use planning risk estimates for a chemical industrial park in China - A longitudinal study
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Layered Surface Detection for Virtual Unrolling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Linear, Transfinite and Weighted Method for Interpolation from Grid Lines Applied to OCT Images
Publication: Research - peer-review › Journal article – Annual report year: 2018

Methods and tools for the statistical data analysis of large datasets collected from bio-based manufacturing processes
Publication: Research › Ph.D. thesis – Annual report year: 2018

Notat om fremskrivning af andelen af multisyge i Danmark frem til 2025
Stockmarr, A. 2018 2 p..
Publication: Commissioned › Memorandum – Annual report year: 2018

Oil production monitoring and optimization from produced water analytics; a case study from the Halfdan chalk oil field, Danish North Sea
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Statistical validation of individual fibre segmentation from tomograms and microscopy

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Big data - modelling of midges in Europa using machine learning techniques and satellite imagery
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Optimization of hospital ward resources with patient relocation using Markov chain modeling

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Pillar-type acoustic metasurface

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Quantitatively Measured Anatomic Location and Volume of Optic Disc Drusen: An Enhanced Depth Imaging Optical Coherence Tomography Study

Quantitative measure of optic disc drusen location in enhanced depth imaging optical coherence tomography scans

Risici ved midlertidige oplag af farligt gods.
Hedlund, F. H. 2017 In : Dansk Kemi. 98, 10, p. 20-23

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