Statistics and Data Analysis - Publications - DTU Orbit (29/09/2018)

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

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
Fighting pellet silo fires
Hedlund, F. H. & Nichols, J. 2018 In : Pellet Mill Magazine. 8, 1, p. 9
Publication: Research - peer-review › Journal article – Annual report year: 2018

Finanskrise
Hedlund, F. H. 2018 1, 36 - 7. september 2018 , Weekendavisen
Publication: Communication › Comment/debate – Annual report year: 2018

Harvest time prediction for batch processes
Publication: Research - peer-review › Journal article – Annual report year: 2018

Identification of Expression QTLs Targeting Candidate Genes for Residual Feed Intake in Dairy Cattle Using Systems Genomics
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
Publication: Research - peer-review › Journal article – Annual report year: 2018

Kuldioxid er uegnet til kvælning af glødebrande
Hedlund, F. H. 2018 In : Dansk Kemi. 99, 1, p. 16-19
Publication: Communication › Journal article – Annual report year: 2018

Land-use planning risk estimates for a chemical industrial park in China - A longitudinal study
Publication: Research - peer-review › Journal article – Annual report year: 2018

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
Publication: Research - peer-review › Journal article – Annual report year: 2018

Parisian types of ruin probabilities for a class of dependent risk-reserve processes
Publication: Research - peer-review › Journal article – Annual report year: 2018

Passenger arrival and waiting time distributions dependent on train service frequency and station characteristics: A smart card data analysis
Publication: Research - peer-review › Journal article – Annual report year: 2018

Predicting Clinical Control from DrugStars App Medication Reviews
Publication: Research › Report – Annual report year: 2018

Quantifying fibre reorientation during axial compression of a composite through time-lapse X-ray imaging and individual fibre tracking
Publication: Research - peer-review › Journal article – Annual report year: 2018

Real-time fault detection and diagnosis using sparse principal component analysis
Publication: Research - peer-review › Journal article – Annual report year: 2018

Säkerhetsutmaningar med väte som energibärare
Hedlund, F. H. 2018 In : Kemivärlden Biotech med Kemisk Tidsskrift. 4, p. 23-26
Publication: Research › Journal article – Annual report year: 2018

Silo response and safety: The dangers of using carbon dioxide to quench silo fires
Hedlund, F. H. & Nichols, J. 2018 In : Fire Fighting in Canada. 62, 3, p. 50-54
Publication: Research › Journal article – Annual report year: 2018

Silo response - The dangers of using carbon dioxide to quench silo fires
Hedlund, F. H. & Nichols, J. 2018 In : Canadian Biomass. 18, 2, p. 16-17
Publication: Communication › Journal article – Annual report year: 2018

Sparse Classification - Methods & Applications
Publication: Research › Ph.D. thesis – Annual report year: 2018

SpaSM: A MATLAB Toolbox for Sparse Statistical Modeling
Sjöstrand, K., Clemmensen, L. H., Larsen, R., Einarsson, G. & Erbsbøll, B. K. 2018 In : Journal of Statistical Software. 84, 10, p. 37
Publication: Research - peer-review › Journal article – Annual report year: 2018

Spatial and temporal variation in the abundance of Culicoides biting midges (Diptera: Ceratopogonidae) in nine European countries
R., Mathis, A., Tack, W. & Bødker, R. 2018 In : Parasites & Vectors. 11, 18 p., 112
Publication: Research - peer-review › Journal article – Annual report year: 2018

Staff optimization for time-dependent acute patient flow
Publication: Research - peer-review › Journal article – Annual report year: 2018

Statistical validation of individual fibre segmentation from tomograms and microscopy
Publication: Research - peer-review › Journal article – Annual report year: 2018

Stort udslip af giftig gas ved aflæsning af madaffald (Major release of toxic gas while unloading food waste at biogas plant)
Hedlund, F. H. 2018 In : Dansk Kemi. 99, 5, p. 36-40
Publication: Communication › Journal article – Annual report year: 2018

Svovbbrinte stinker, men dræber uden lugt
Hedlund, F. H. 2018 In : Dansk Kemi. 99, 4, p. 6-7
Publication: Communication › Journal article – Annual report year: 2018

Svovlsyres fortyndingsvarme
Publication: Communication › Journal article – Annual report year: 2018

Task design for Engineering Mathematics: process, principles and products
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Technology to provide educational practitioners with the expertise they need
Publication: Research - peer-review › Book chapter – Annual report year: 2018

The Influence of Volume and Anatomic Location of Optic Disc Drusen on the Sensitivity of Autofluorescence
Publication: Research - peer-review › Journal article – Annual report year: 2018

The transmission spectrum of sound through a phononic crystal subjected to liquid flow
Publication: Research - peer-review › Journal article – Annual report year: 2018

Uncertainty Management and Sensitivity Analysis
Publication: Education - peer-review › Book chapter – Annual report year: 2017

Un tanque de levadura excedente falla con consecuencias catastróficas
Hedlund, F. H. & Selig, R. S. 2018 In : BRAUWELT En Español. 22, May, p. 76-79
Publication: Research › Journal article – Annual report year: 2018
Big Data Analytics for Industrial Process Control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Big data - modelling of midges in Europa using machine learning techniques and satellite imagery
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Biomass accident investigations – missed opportunities for learning and accident prevention
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Blygsamt övertyck fick spektakulära följer
Hedlund, F. H. 2017 In : Kemivärlden Biotech med Kemisk Tidsskrift. 2, p. 21-23
Publication: Research - peer-review › Journal article – Annual report year: 2017

Cache-mesh, a Dynamics Data Structure for Performance Optimization
Publication: Research - peer-review › Journal article – Annual report year: 2017

Cellular shear stiffness reflects progression of arsenic-induced transformation during G1
Publication: Research - peer-review › Journal article – Annual report year: 2018

Characterization of absorption enhancers for orally administered therapeutic peptides in tablet formulations - Applying statistical learning
Publication: Research › Ph.D. thesis – Annual report year: 2017

Cloud-shadow removal for Unmanned Aerial System multispectral imagery based on tensor decomposition methods
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Cloud-shadow removal for Unmanned Aerial System multispectral imagery based on tensor decomposition methods
Baum, A., Wang, S. & Garcia, M. 2017
Publication: Research › Poster – Annual report year: 2017

Development of a New Fractal Algorithm to Predict Quality Traits of MRI Loins
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

DTU Employee Satisfaction Survey 2017 - importance analysis
Publication: Research › Report – Annual report year: 2018
Effects of Exposure to Carbon Dioxide and Bioeffluents on Perceived Air Quality, Self-assessed Acute Health Symptoms and Cognitive Performance
Zhang, X., Wargocki, P., Lian, Z. & Thyregod, C. 2017 In : Indoor Air. 27, 1, p. 47-64
Publication: Research - peer-review › Journal article – Annual report year: 2016

Er sprængpladen vendt korrekt?
Hedlund, F. H. 2017 In : Kjemi. 77, 1, p. 14-15
Publication: Communication › Journal article – Annual report year: 2017

Exploring the Use of Design of Experiments in Industrial Processes Operating Under Closed-Loop Control: Experimentation in closed-loop systems
Publication: Research - peer-review › Journal article – Annual report year: 2017

Explosion i rötkammare med biogas
Hedlund, F. H. 2017 In : Kemivärlden Biotech med Kemisk Tidsskrift. 4, p. 20-23
Publication: Communication › Journal article – Annual report year: 2017

Exploring the Use of Design of Experiments in Industrial Processes Operating Under Closed-Loop Control: Experimentation in closed-loop systems
Publication: Research - peer-review › Journal article – Annual report year: 2017

First hitting probabilities for semi markov chains and estimation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Foderkvalitet og andre faktorer af betydning for forbruget af antibiotika på minkgårde
Publication: Research - peer-review › Journal article – Annual report year: 2018

Foreign object detection in multispectral X-ray images of food items using sparse discriminant analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Formulating and testing a method for perturbing precipitation time series to reflect anticipated climatic changes
Publication: Research - peer-review › Journal article – Annual report year: 2017

Foderkvalitet og andre faktorer af betydning for forbruget af antibiotika på minkgårde
Publication: Research - peer-review › Journal article – Annual report year: 2018

Fighting Smoldering Fires in Silos – A Cautionary Note on Using Carbon Dioxide to Inert
Publication: Communication › Internet publication – Annual report year: 2017

Geometrical Characterisation of Individual Fibres From X-Ray Tomograms
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Formulating and testing a method for perturbing precipitation time series to reflect anticipated climatic changes
Publication: Research - peer-review › Journal article – Annual report year: 2017

Høringssvar - Vejledning for kolonne 3-virksomheder - Sikring af risikovirksomheder
Publication: Commissioned › Question & Answer/hearing contribution – Annual report year: 2017

Høringssvar - Vejledning om definition større uheld 2017
Hedlund, F. H. 2017 11 p..
Publication: Commissioned › Question & Answer/hearing contribution – Annual report year: 2017
How to foster a High-Tech entrepreneurial mind-set – A multidisciplinary engineering course for Bachelor students
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Imaging for monitoring downstream processing of fermentation broths
Moiseyenko, R., Baum, A., Jørgensen, T. M., Glanville, S., Laursen, C. N., Mansouri, S. S. & Gernaey, K. V. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Interpolation from Grid Lines: Linear, Transfinite and Weighted Method
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Investigating the influence of product perception and geometric features
Publication: Research - peer-review › Journal article – Annual report year: 2016

Lederlønsundersøgelse - Lønberegner til BUPL
Publication: Research › Report – Annual report year: 2017

InferTest Package: Tests in Linear Mixed Effects Models
Publication: Research - peer-review › Journal article – Annual report year: 2017

Managerial implications for improving continuous production processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Matrix-Exponential Distributions in Applied Probability
Publication: Research - peer-review › Book – Annual report year: 2017

Modelling allergenic risk
Publication: Research › Ph.D. thesis – Annual report year: 2017

Modelling Dietary Exposure to Chemical Components in Heat-Processed Meats
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Multi-phaseVolumeSegmentationwithTetrahedralMesh
Nguyen Trung, T., Dahl, V. A. & Bærentzen, J. A. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

New approach for validating the segmentation of 3D data applied to individual fibre extraction
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
On the structure of dynamic principal component analysis used in statistical process monitoring
Publication: Research - peer-review › Journal article – Annual report year: 2017

Optimistic and pessimistic self-assessment of own diets is associated with age, self-rated health and weight status in Danish adults
Publication: Research - peer-review › Journal article – Annual report year: 2017

Optimization of hospital ward resources with patient relocation using Markov chain modeling
Publication: Research - peer-review › Journal article – Annual report year: 2017

Outlier Detection in End-User Performance Monitoring - Smart Innovation.
Publication: Research › Report – Annual report year: 2017

Pillar-type acoustic metasurface
Publication: Research - peer-review › Journal article – Annual report year: 2017

Prediction of pork quality parameters by applying fractals and data mining on MRI
Publication: Research - peer-review › Journal article – Annual report year: 2017

Quantitatively Measured Anatomic Location and Volume of Optic Disc Drusen: An Enhanced Depth Imaging Optical Coherence Tomography Study
Publication: Research - peer-review › Journal article – Annual report year: 2017

Quantitative measure of optic disc drusen location in enhanced depth imaging optical coherence tomography scans
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2018

Risici ved midlertidige oplag af farligt gods.
Hedlund, F. H. 2017 In : Dansk Kemi. 98, 10, p. 20-23
Publication: Communication › Journal article – Annual report year: 2017

Scenario-Neutral Simulation of Flood Risk for Multiple Drivers
Löwe, R., Urich, C., Kulahci, M., Radhakrishnan, M., Deletic, A. & Arnbjerg-Nielsen, K. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Selecting local constraint for alignment of batch process data with dynamic time warping
Publication: Research - peer-review › Journal article – Annual report year: 2017

Selection of non-zero loadings in sparse principal component analysis
Gajjar, S., Kulahci, M. & Palazoglu, A. 2017 In : Chemometrics and Intelligent Laboratory Systems. 162, p. 160-171
Publication: Research - peer-review › Journal article – Annual report year: 2017
Selection of objective function for imbalanced classification: an industrial case study
Publication: Research › peer-review › Article in proceedings – Annual report year: 2018

Setup for Scenario-free Modelling of Urban Flood Risk in Non-stationary Climate and Urban Development Conditions
Löwe, R., Urich, C., Kulahci, M., Radhakrishnan, M., Deletic, A. & Ambjerg-Nielsen, K. 2017
Publication: Research › peer-review › Conference abstract for conference – Annual report year: 2017

Sikring af risikovirksomheder
Hedlund, F. H. 2017 In : Dansk Kemi. 98, 6/7, p. 22-25
Publication: Communication › Journal article – Annual report year: 2017

Simulering af Lokalebehov i 2025
Publication: Research › Report – Annual report year: 2017

Social disparities in the prevalence of multimorbidity - A register-based population study: A register-based population study
Publication: Research › peer-review › Journal article – Annual report year: 2017

Sparse supervised principal component analysis (SSPCA) for dimension reduction and variable selection
Publication: Research › peer-review › Journal article – Annual report year: 2017

Spatial models for probabilistic prediction of wind power with application to annual-average and high temporal resolution data
Publication: Research › peer-review › Journal article – Annual report year: 2016

Statistical modelling of space-time processes with application to wind power.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Trellis plots as visual aids for analyzing split plot experiments
Kulahci, M. & Menon, A. 2017 In : Quality Engineering. 29, 2, p. 211-225
Publication: Research › peer-review › Journal article – Annual report year: 2017

Unidirectional Fibre Composite Characterisation from X-ray Tomography
Publication: Research › Poster – Annual report year: 2017
Unraveling fermentation data – a Novozymes case study
Baum, A., Vermue, L., Moiseyenko, R., Jørgensen, T. M. & Devantier, R. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

剩余酵母罐出现故障-灾难性的后果
Hedlund, F. H. & Selig, R. S. 2017 In : Brauwelt International. 2, p. 9-11
Publication: Research - peer-review › Journal article – Annual report year: 2017

An optimized outlier detection algorithm for jury-based grading of engineering design projects
Publication: Research - peer-review › Journal article – Annual report year: 2016

Automatic measurement of orbital volume in unilateral coronal synostosis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Beskedent overtryk gav spektakulære følger
Hedlund, F. H. 2016 In : Dansk Kemi. 97, 4, p. 20-22
Publication: Communication › Journal article – Annual report year: 2016

Causal Analysis of Railway Running Delays
Publication: Research - peer-review › Paper – Annual report year: 2016

Changes in sensory characteristics and their relation with consumers’ liking, wanting and sensory satisfaction: Using dietary fibre and lime flavour in Stevia rebaudiana sweetened fruit beverages
Publication: Research - peer-review › Journal article – Annual report year: 2016

Concurrent elevation of CO₂, O₃ and temperature severely affects oil quality and quantity in rapeseed
Publication: Research - peer-review › Journal article – Annual report year: 2016

Correlations between fatigue and disease duration, disease activity, and pain in patients with rheumatoid arthritis: a systematic review
Publication: Research - peer-review › Review – Annual report year: 2015

Delta-tilde interpretation of standard linear mixed model results
Publication: Research - peer-review › Journal article – Annual report year: 2016

Determinants of meal satisfaction in a workplace environment
Publication: Research - peer-review › Journal article – Annual report year: 2016
Does correlated color temperature affect the ability of humans to identify veins?
Argyraki, A., Clemmensen, L. K. H. & Petersen, P. M. 2016 In : Journal of the Optical Society of America A. 33, 1, p. 141-148
Publication: Research - peer-review › Journal article – Annual report year: 2016

Er sprængpladen vendt korrekt?
Hedlund, F. H. 2016 In : Dansk Kemi. 97, 5, p. 41-42
Publication: Research › Journal article – Annual report year: 2016

Evaluation of temporal surveillance system sensitivity and freedom from bovine viral diarrhea in Danish dairy herds using scenario tree modelling
Foddai, A., Stockmarr, A. & Boklund, A. 2016 In : B M C Veterinary Research. 12, 1, 12 p., 118
Publication: Research - peer-review › Journal article – Annual report year: 2016

Factors associated with usage of antimicrobials in commercial mink (Neovison vison) production in Denmark
Publication: Research - peer-review › Journal article – Annual report year: 2016

Fatal Accidents During Marine Transport of Wood Pellets Due to Off-gassing – Experiences from Denmark
Publication: Research - peer-review › Book chapter – Annual report year: 2016

From university research to innovation Detecting knowledge transfer via text mining
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Gender differences in purchase intentions and reasons for meal selection among fast food customers – Opportunities for healthier and more sustainable fast food
Publication: Research - peer-review › Journal article – Annual report year: 2016

Grain protein concentration and harvestable protein under future climate conditions. A study of 108 spring barley accessions
Publication: Research - peer-review › Journal article – Annual report year: 2016

Grating-based X-ray tomography of 3D food structures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Har tanken et svagt tag?
Hedlund, F. H. & Eisfeld Linde, B. 2016 In : Dansk Kemi. 97, 1-2, p. 20-21
Publication: Research › Journal article – Annual report year: 2016

High-resolution rainfall time series for future climate
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016
Identifying Drug–Drug Interactions by Data Mining: A Pilot Study of Warfarin-Associated Drug Interactions
Publication: Research - peer-review › Journal article – Annual report year: 2016

Image Analysis for X-ray Imaging of Food
Publication: Research › Ph.D. thesis – Annual report year: 2016

Kronik: Virksomheder med elitesmiley flyver under radaren
Hedlund, F. H. 2016 In : Ingenioeren. 27.05.2016, p. 6
Publication: Research › Journal article – Annual report year: 2016

Large Steel Tank Fails and Rockets to Height of 30 meters - Rupture Disc Installed Incorrectly
Hedlund, F. H., Selig, R. S. & Kragh, E. K. 2016 In : Safety and Health at Work. 7, 2, p. 130-137
Publication: Research - peer-review › Journal article – Annual report year: 2015

Layered Surface Detection in Micro-CT Tetra Pak Data
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Lederundersøgelse - Lønberegning
Publication: Research › Report – Annual report year: 2016

Monitoring Animal Well-being
Publication: Research › Ph.D. thesis – Annual report year: 2016

Monitoring pig movement at the slaughterhouse using optical flow and modified angular histograms
Publication: Research - peer-review › Journal article – Annual report year: 2016

Multivariate ARIMA and ARIMA-X Analysis: Package ‘marima’
Publication: Research › Book – Annual report year: 2016

Multivariate Time Series Estimation using marima
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Muscle wound healing in rainbow trout (Oncorhynchus mykiss)
Schmidt, J. G., Andersen, E. W., Erskell, B. K. & Nielsen, M. E. 2016 In : Fish and Shellfish Immunology. 48, p. 273-84
Publication: Research - peer-review › Journal article – Annual report year: 2016

Nonparametric Estimation of Interval Reliability for Discrete-Time Semi-Markov Systems
Publication: Research - peer-review › Journal article – Annual report year: 2015

Novelty detection of foreign objects in food using multi-modal X-ray imaging
Publication: Research - peer-review › Journal article – Annual report year: 2016
Obesity Prevention in the Nordic Countries
Stockmarr, A., Hejgaard, T. & Matthiessen, J. 2016 In : Current Obesity Reports. 5, 2, p. 156-165
Publication: Research - peer-review › Journal article – Annual report year: 2016

Objective measures of meal variety lacking association with consumers’ perception of variety with self-selected buffet meals at work
Publication: Research - peer-review › Journal article – Annual report year: 2016

On the need for integrating LCA into decision making
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

On the use of functional calculus for phase-type and related distributions
Publication: Research - peer-review › Journal article – Annual report year: 2015

Optimistic self-assessments of unhealthy diets are associated with positive indicators of health and health behaviours in Danish adults.
Publication: Research - peer-review › Poster – Annual report year: 2016

Parking guidance: Summary report
Publication: Research › Report – Annual report year: 2016

Possibilities and barriers for e-learning in primary school in Denmark
Alstrup, S. & Rootzén, H. 2016
Publication: Research - peer-review › Paper – Annual report year: 2016

Probabilistic modelling of sea surges in coastal urban areas
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Process Knowledge Discovery Using Sparse Principal Component Analysis
Publication: Research - peer-review › Journal article – Annual report year: 2017

Quantitative tumor heterogeneity assessment on a nuclear population basis
Publication: Research - peer-review › Journal article – Annual report year: 2016

Spatial Distribution and Abundance of Culicodes Imicola and Obsoletus Group in Europe
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Spatial distribution and abundance of culicoides imicola and obsolutes group in Europe


Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Split-plot designs for multistage experimentation


Publication: Research - peer-review › Journal article – Annual report year: 2016

Surplus yeast tank failing catastrophically

Hedlund, F. H. 2016 In : Brauwelt International. 34, 5, p. 354-357

Publication: Research › Journal article – Annual report year: 2016

Sustainable flood risk management – What is sustainable?


Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Symptoms and quality of life in patients with chronic obstructive pulmonary disease treated with aclidinium in a real-life setting


Publication: Research - peer-review › Journal article – Annual report year: 2016

Syrebrist och ambulansfärd av tårta

Hedlund, F. H. 2016 In : Kemivärlden Biotech med Kemisk Tidsskrift. 4, June, p. 24-26

Publication: Research › Journal article – Annual report year: 2016

The effect of skatole and androstenone on consumer response towards fresh pork from m. longissimus thoracis et lumbarum and m. semimembranosus


Publication: Research - peer-review › Journal article – Annual report year: 2016

The fundament of food, crop protein production, is threatened by climate change


Publication: Research - peer-review › Internet publication – Annual report year: 2016

The Traveling Optical Scanner – Case Study on 3D Shape Models of Ancient Brazilian Skulls


Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Translation of risk factor estimates into on-farm interventions and their effect on Campylobacter broiler flock prevalence


Publication: Research - peer-review › Journal article – Annual report year: 2016

Understanding Liking in Relation to Sensory Characteristics, Consumer Concept Associations, Arousal Potential and “Appropriateness for Use” Using Apple Juice as an Application: Understanding Liking

Stolzenbach, S., Bredie, W. L. P., Christensen, R. H. B. & Byrne, D. V. 2016 In : Journal of Sensory Studies. 31, 2, p. 135-142
Use of Sparse Principal Component Analysis (SPCA) for Fault Detection
Publication: Research - peer-review › Conference article – Annual report year: 2017

Validation of Reported Whole-Grain Intake from a Web-Based Dietary Record against Plasma Alkylresorcinol Concentrations in 8- to 11-Year-Olds Participating in a Randomized Controlled Trial
Publication: Research - peer-review › Journal article – Annual report year: 2016

Visualizing multifactorial and multi-attribute effect sizes in linear mixed models with a view towards sensometrics
Publication: Research › Sound/Visual production (digital) – Annual report year: 2017

Vitamin D3 and 25-hydroxyvitamin D3 in pork and their relationship to vitamin D status in pigs
Publication: Research - peer-review › Journal article – Annual report year: 2016

What does it take to practice sustainable flood risk management?
Publication: Research - peer-review › Journal article – Annual report year: 2016

X-ray based micromechanical finite element modeling of composite materials
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Fremtids samfund mangler kvindelige professorer
Rootzén, H. 26 Jun 2015 1, Politiken
Publication: Communication › Newspaper article – Annual report year: 2015

Kvindekvoter er ligebehandling
Rootzén, H. Mar 2015 1, 2015, 3, D T U Avisen
Publication: Communication › Newspaper article – Annual report year: 2015

A 10-day heatwave at flowering superimposed on climate change conditions strongly affects production of 22 barley accessions
Publication: Research › Poster – Annual report year: 2015

AB0346 Correlation of Disease Duration, Disease Activity and Pain to Fatigue – a Systematic Review
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2015

Accuracy of self-reported intake of signature foods in a school meal intervention study: comparison between control and intervention period
Publication: Research - peer-review › Journal article – Annual report year: 2015

Analysis of data from the MariCare Smartfloor at Skovhuset Care Home
Antibiotika til mink fra 2007-2012
Publication: Research › peer-review › Journal article – Annual report year: 2015

Artifact removal in Differential Phase Contrast X-ray Computed Tomography
Publication: Research › peer-review › Conference abstract in journal – Annual report year: 2015

Automated mixed ANOVA modeling of sensory and consumer data
Publication: Research › peer-review › Journal article – Annual report year: 2015

Back scattering interferometry revisited – A theoretical and experimental investigation
Publication: Research › peer-review › Conference abstract in journal – Annual report year: 2015

Battling Bluetongue and Schmallenberg virus: Local scale behavior of transmitting vectors
Stockmarr, A., Kirkeby, C. & Bødker, R. 2015
Publication: Research › Journal article – Annual report year: 2015

Big Data fra jord til bord
Publication: Communication › Report – Annual report year: 2015

Calculation of ruin probabilities for a dense class of heavy tailed distributions
Publication: Research › peer-review › Journal article – Annual report year: 2014

Challenges for bovine viral diarrhoea virus antibody detection in bulk milk by antibody enzyme-linked immunosorbent assays due to changes in milk production levels
Publication: Research › peer-review › Journal article – Annual report year: 2015

Characterization of the bacterial gut microbiota of piglets suffering from new neonatal porcine diarrhoea
Publication: Research › peer-review › Journal article – Annual report year: 2015

Characterizing Digital Light Processing (DLP) 3D Printed Primitives
Publication: Research › peer-review › Article in proceedings – Annual report year: 2015
Combining analysis of variance and three-way factor analysis methods for studying additive and multiplicative effects in sensory panel data
Romano, R., Næs, T. & Brockhoff, P. B. 2015 In : Journal of Chemometrics. 29, 1, p. 29-37
Publication: Research - peer-review › Journal article – Annual report year: 2015

Computer-aided diagnosis of pulmonary diseases using x-ray darkfield radiography
Publication: Research - peer-review › Journal article – Annual report year: 2015

Design and analysis of biomedical studies
Publication: Research › Ph.D. thesis – Annual report year: 2015

Design of Experiments for Food Engineering
Pedersen, S. J., Frosch, S., Kulahci, M. & Geoffrey Vining, G. 2015 Søborg: National Food Institute, Technical University of Denmark. 133 p.
Publication: Research › Ph.D. thesis – Annual report year: 2016

Development of LED Light Sources for Improved Visualization of Veins: a statistical approach
Argyraki, A., Clemmensen, L. K. H. & Petersen, P. M. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Do different spectral domain OCT hardwares measure the same? Comparison of retinal thickness using third-party software
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effects of school meals based on the New Nordic Diet on intake of signature foods: a randomised controlled trial. The OPUS School Meal Study
Publication: Research - peer-review › Journal article – Annual report year: 2015

Efficient Estimating Functions for Stochastic Differential Equations
Jakobsen, N. M. 2015 University of Copenhagen. 181 p.
Publication: Research › Ph.D. thesis – Annual report year: 2015

Estimation of on-farm interventions to control Campylobacter
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Evaluation of acceptance sampling related to sealing plug and pipe stub.
Publication: Communication › Report – Annual report year: 2015

Evaluation of back scatter interferometry, a method for detecting protein binding in solution
Publication: Research - peer-review › Journal article – Annual report year: 2014
Experiments for Multi-Stage Processes
Tyssedal, J. & Kulahci, M. 2015 In : Quality Technology and Quantitative Management. 12, 1, p. 13-28
Publication: Research - peer-review › Journal article – Annual report year: 2015

Farm specific risk factors for Campylobacter colonization of broilers in six European countries
Publication: Research - peer-review › Poster – Annual report year: 2015

Fitting a distribution to microbial counts: Making sense of zeroes
Publication: Research - peer-review › Journal article – Annual report year: 2015

Flore overvægtige danske kvinder
Publication: Research › Journal article – Annual report year: 2015

Generalized requirements and decompositions for the design of test parts for micro additive manufacturing research
Publication: Research - peer-review › Journal article – Annual report year: 2015

ICFD modeling of final settlers - developing consistent and effective simulation model structures
Prósz, B. G., Guyonvarch, E., Ramin, E. & Kulahci, M. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Impact of Autocorrelation on Principal Components and Their Use in Statistical Process Control
Publication: Research - peer-review › Journal article – Annual report year: 2015

Individualized Learning Through Non-Linear use of Learning Objects: With Examples From Math and Stat
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

In silico modelling of permeation enhancement potency in Caco-2 monolayers based on molecular descriptors and random forest
Publication: Research - peer-review › Journal article – Annual report year: 2015
Introduction to Statistics - eNotes
Publication: Education › Internet publication – Annual report year: 2015

Kage årsag til iltmangel og indlæggelse på hospital
Hedlund, F. H. 2015 In : Dansk Kemi. 96, 12, p. 14-17
Publication: Research › Journal article – Annual report year: 2015

Kraftig eksplosion efter sammenblanding af salpetersyre og 2-propanol
Hedlund, F. H. 2015 In : Kjemi. 75, 4, p. 17-19
Publication: Research › Journal article – Annual report year: 2015

Layered Surface Detection in Micro-CT Tetra Pak Data
Dahl, V. A. 2015
Publication: Research › Sound/Visual production (digital) – Annual report year: 2015

Learning and Motivational Processes When Students Design Curriculum-Based Digital Learning Games
11 p.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Linear mixed models in sensometrics
Publication: Research › Ph.D. thesis – Annual report year: 2015

Location and social context does matter when conducting consumer studies!
Andersen, B. V., Kraggerud, H., Brockhoff, P. B. & Hyldig, G. 2015
Publication: Research - peer-review › Poster – Annual report year: 2016

Model for TampImp-DeltaSigmaH Interaction.
Publication: Communication › Report – Annual report year: 2015

Modeling light–tissue interaction in optical coherence tomography systems
Publication: Research - peer-review › Book chapter – Annual report year: 2015

Multivariate Analysis Techniques for Optimal Vision System Design
Publication: Research › Ph.D. thesis – Annual report year: 2015

Non-negative Matrix Factorization for Binary Data
Larsen, J. S. & Clemmensen, L. K. H. 2015
Publication: Research - peer-review › Paper – Annual report year: 2015

Optimization of Overflow Policies in Call Centers
Publication: Research - peer-review › Journal article – Annual report year: 2015
Pig herd monitoring and undesirable tripping and stepping prevention
Publication: Research - peer-review › Journal article – Annual report year: 2015

Plate waste and intake of school lunch based on the New Nordic Diet and on packed lunches: A randomised controlled trial in 8- to 11-year-old Danish children
Publication: Research - peer-review › Journal article – Annual report year: 2015

Recent Advances and Future Directions for Quality Engineering
Publication: Research - peer-review › Journal article – Annual report year: 2015

Reduction in pedometer-determined physical activity in the adult Danish population from 2007 to 2012
Publication: Research - peer-review › Journal article – Annual report year: 2015

Regularized generalized eigen-decomposition with applications to sparse supervised feature extraction and sparse discriminant analysis
Han, X. & Clemmensen, L. K. H. 2015 In : Pattern Recognition. 49, p. 43-54
Publication: Research - peer-review › Journal article – Annual report year: 2015

Revising an OECD Test Guideline on toxicity in aquatic environments
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Risk factors for Campylobacter infection of broiler flocks
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Segmentation and characterization of fibers
Dahl, V. A. 2015
Publication: Research › Sound/Visual production (digital) – Annual report year: 2015

SensMixed R package: Easy-to-use application with graphical user interface for analyzing sensory and consumer data within a mixed effects model framework
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Short communication: Artificial ultraviolet B light exposure increases vitamin D levels in cow plasma and milk
Publication: Research - peer-review › Journal article – Annual report year: 2015

SigmaH for Switches and Crossings
Publication: Communication › Report – Annual report year: 2015
Automatic sleep classification using a data-driven topic model reveals latent sleep states
Publication: Research - peer-review › Journal article – Annual report year: 2014

Can We Find Organic Materials in Food Using X-rays?
Emerson, M. J., Einarsdottir, H., Clemmensen, L. K. H. & Ersbøll, B. K. 2014
Publication: Research - peer-review › Poster – Annual report year: 2014

Capability analysis
Publication: Commissioned › Report – Annual report year: 2014

Common variants in CYP2R1 and GC genes are both determinants of serum 25-hydroxyvitamin D concentrations after UVB irradiation and after consumption of vitamin D3-fortified bread and milk during winter in Denmark
Publication: Research - peer-review › Journal article – Annual report year: 2014

Common Variants in CYP2R1 and GC Genes Predict Vitamin D Concentrations in Healthy Danish Children and Adults
Publication: Research - peer-review › Journal article – Annual report year: 2014

Consideration of sample heterogeneity and in-depth analysis of individual differences in sensory analysis
Publication: Research - peer-review › Journal article – Annual report year: 2014

Danish children born to parents with lower levels of education are more likely to become overweight
Publication: Research - peer-review › Journal article – Annual report year: 2014

Data-driven modeling of sleep EEG and EOG reveals characteristics indicative of pre-Parkinson's and Parkinson's disease
Publication: Research - peer-review › Journal article – Annual report year: 2014

Demystifying back scatter interferometry: a sensitive refractive index detector.
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2015

Detecting correlation between allele frequencies and environmental variables as a signature of selection. A fast computational approach for genome-wide studies
Publication: Research - peer-review › Journal article – Annual report year: 2013

Dictionary Snakes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Dietary effects of introducing school meals based on the New Nordic Diet: a randomised controlled trial in Danish children. The OPUS School Meal Study
Forskning og uddannelse er en forudsætning for gevinst af Big Data

How do student evaluations of courses and of instructors relate?

Hyperspectral imaging based on diffused laser light for prediction of astaxanthin coating concentration

Improved overall survival after implementation of targeted therapy for patients with metastatic renal cell carcinoma: Results from the Danish Renal Cancer Group (DARENCA) study-2

Influence of consumer’s background on product perception

In vivo Comet assay – statistical analysis and power calculations of mice testicular cells

IT-pedagogical Think Tank for Teacher-teams in Global Classroom, A Model for Continuous Competence Development with a Focus on Reflection, Innovation, Motivation and Engagement

Maximizing entropy over Markov processes

Method for detection of an abnormal sleep pattern in a person
Sørensen, H. B. D., Christensen, J. A. E., Jennum, P. J., Rahn Christensen, S. & Arvastson, L. J. 2014

Multiphase Image Segmentation Using the Deformable Simplicial Complex Method

Multivariate phase type distributions - Applications and parameter estimation
Novel X-ray phase-contrast tomography method for quantitative studies of heat induced structural changes in meat

Obituary: Marcel F. Neuts 1935-2014

On the use of functional calculus for phase-type and related distributions

On Weighted Support Vector Regression
Han, X. & Clemmensen, L. K. H. 2014 In : Quality and Reliability Engineering International. 30, 6, p. 891-903

Optimering af billetkontrol.

Paired preference data with a no-preference option – Statistical tests for comparison with placebo data

Quantitative assessment of the risk of introduction of bovine viral diarrhea virus in Danish dairy herds

Real-life use of vitamin D₃-fortified bread and milk during a winter season: the effects of CYP2R1 and GC genes on 25-hydroxyvitamin D concentrations in Danish families, the VitmaD study.

Segmentation of Connective Tissue in Meat from Microtomography Using a Grating Interferometer
Einarsdottir, H., Ersbøll, B. K. & Larsen, R. 2014

Segmentation Toolbox for Tomographic Image Data
Einarsdottir, H. 2014

Selecting groups of covariates in the elastic net

Short mandible - a possible risk factor for cleft palate with/without a cleft lip
Sparse and shrunken estimates of MRI networks in the brain and their influence on network properties
Publication: Research - peer-review › Conference article – Annual report year: 2014

Statistical prediction of biomethane potentials based on the composition of lignocellulosic biomass
Thomsen, S. T., Spliid, H. & Østergård, H. 2014 In : Bioresource Technology. 154, p. 80-86
Publication: Research - peer-review › Journal article – Annual report year: 2014

Status for NEXIM New X-ray Imaging Modalities for safe and high quality food
Publication: Research - peer-review › Report chapter – Annual report year: 2014

Stochastic simulation modeling to determine time to detect Bovine Viral Diarrhea antibodies in bulk tank milk
Publication: Research - peer-review › Journal article – Annual report year: 2014

Study Delay
Publication: Research › Report – Annual report year: 2014

Superior performance of constant-saltier-reference DTF and DTFM to same-different tests by consumers for discriminating products varying sodium contents
Publication: Research - peer-review › Journal article – Annual report year: 2014

Supervised feature selection for linear and non-linear regression of Lab color from multispectral images of meat
Publication: Research - peer-review › Journal article – Annual report year: 2014

Surface Detection using Round Cut
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

The importance of spatial models for estimating the strength of density dependence
Publication: Research - peer-review › Journal article – Annual report year: 2014

The MAM-CAP table: A new tool for monitoring panel performances
Publication: Research - peer-review › Journal article – Annual report year: 2014

The Relationship between Mechanical Hyperalgesia Assessed by Manual Tender Point Examination and Disease Severity in Patients with Chronic Widespread Pain: A Cross-Sectional Study
Publication: Research - peer-review › Journal article – Annual report year: 2014
The type I error rate for in vivo Comet assay data when the hierarchical structure is disregarded
Publication: Research › Report – Annual report year: 2014

Trends in overweight and obesity in Danish children and adolescents: 2000-2008 – exploring changes according to parental education
Publication: Research - peer-review › Journal article – Annual report year: 2014

Trends in pedometer-measured steps per day in Danish adults: 2007 to 2012
Matthiessen, J., Andersen, E. W., Raustorp, A. & Sørensen, M. R. 2014
Publication: Research - peer-review › Poster – Annual report year: 2014

Understanding traffic crash under-reporting: linking police and medical records to individual and crash characteristics
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Upstream DoE Parameters.
Publication: Communication › Report – Annual report year: 2014

Vitamin D status and its determinants in children and adults among families in late summer in Denmark.
Publication: Research - peer-review › Journal article – Annual report year: 2014

Analysis of factors important for the occurrence of Campylobacter in Danish broiler flocks
Publication: Research - peer-review › Journal article – Annual report year: 2013

Analysis of sensory ratings data with cumulative link models
Publication: Research - peer-review › Journal article – Annual report year: 2013

A new method for image segmentation based on Fuzzy C-means algorithm on pixonal images formed by bilateral filtering
Publication: Research - peer-review › Journal article – Annual report year: 2013

A New Paradigm in Mortgage Loan Advice
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Application of X-ray phase-contrast tomography in quantitative studies of heat induced structural changes in meat
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

A sampling approach for predicting the eating quality of apples using visible–near infrared spectroscopy
Vega, M. V. M., Sharifzadeh, S., Wulfsbohn, D., Skov, T., Ciemmensen, L. K. H. & Toldam-Andersen, T. B. 2013 In : Journal of the Science of Food and Agriculture. 93, 15, p. 3710-3719
Publication: Research - peer-review › Journal article – Annual report year: 2013
Automatic scatter detection in fluorescence landscapes by means of spherical principal component analysis
Kotwa, E. K., Jørgensen, B. M., Brockhoff, P. B. & Frosch, S. 2013 In : Journal of Chemometrics. 27, 1-2, p. 3-11
Publication: Research - peer-review › Journal article – Annual report year: 2013

Cell-Mediated and Humoral Immune Responses after Immunization of Calves with a Recombinant Multiantigenic Mycobacterium avium subsp. paratuberculosis Subunit Vaccine at Different Ages
Publication: Research - peer-review › Journal article – Annual report year: 2013

Class 4 Defects
Publication: Research › Report – Annual report year: 2013

Code Generation for Protocols from CPN models Annotated with Pragmatics
Publication: Research › Report – Annual report year: 2013

Comparison of estimated energy intake in children using a Web-based Dietary Assessment Software with accelerometer-estimated energy expenditure in children
Publication: Research - peer-review › Journal article – Annual report year: 2014

Contextual Multivariate Segmentation of Pork Tissue from Grating-Based Multimodal X-Ray Tomography
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Correlation of iris biometrics and DNA
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Data Mining—A Special Issue of Quality and Reliability Engineering International (QREI)
Publication: Research - peer-review › Editorial – Annual report year: 2013

DCT-Based Characterization of Milk Products Using Diffuse Reflectance Images
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Dynamic changes in antibody levels as an early warning of Salmonella Dublin in bovine dairy herds
Stockmarr, A., Bædker, R. & Nielsen, L. R. 2013 In : Journal of Dairy Science. 96, 12, p. 7558-7564
Publication: Research - peer-review › Journal article – Annual report year: 2013

Effectiveness of offering keyhole labelled meals in improving the nutritional quality of lunch meals eaten in worksite canteens
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2013
Effect of fat type and heat treatment on the microstructure of meat emulsions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Effects of intraspecific variation in reproductive traits, pectoral fin use and burst swimming on metabolic rates and swimming performance in the Trinidadian guppy (Poecilia reticulata)
Publication: Research - peer-review › Journal article – Annual report year: 2013

Effects of mid-term student evaluations of teaching as measured by end-of-term evaluations: An empirical study of course evaluations
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Estimating passenger numbers in trains using existing weighing capabilities
Publication: Research - peer-review › Journal article – Annual report year: 2013

Favorable results after total wrist arthroplasty: 65 wrists in 60 patients followed for 5–9 years
Publication: Research - peer-review › Journal article – Annual report year: 2013

Impact of changes in metabolic control on progression to photocoagulation for clinically significant macular oedema: a 20 year study of type 1 diabetes
Publication: Research - peer-review › Journal article – Annual report year: 2013

Impact of product information and repeated exposure on consumer liking, sensory perception and concept associations of local apple juice
Stolzenbach, S., Bredie, W. L. P., Christensen, R. H. B. & Byrne, D. V. 2013 In : Food Research International. 52, 1, p. 91-98
Publication: Research - peer-review › Journal article – Annual report year: 2013

Importance of fruit variability in the assessment of apple quality by sensory evaluation
Publication: Research - peer-review › Journal article – Annual report year: 2013

Improvement of the $\DeltaH$ Model
Publication: Research › Report – Annual report year: 2013

Localisation of nursery areas based on comparative analyses of the horizontal and vertical distribution patterns of juvenile Baltic cod (Gadus morhua)
Nielsen, J. R., Lundgren, B., Kristensen, K. & Bastardie, F. 2013 In : P L o S One. 8, 8, p. e70668
Publication: Research - peer-review › Journal article – Annual report year: 2013

Making sense of zeros: impact on human health risk estimates
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013
Matrix Analytic Methods in Applied Probability with a View towards Engineering Applications
Publication: Research › Doctoral thesis – Annual report year: 2013

Maximizing Entropy over Markov Processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Monitoring Motion of Pigs in Thermal Videos
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Multispectral Image Analysis for Robust Prediction of Astaxanthin Coating
Ljungqvist, M. G., Frosch, S., Nielsen, M. E. & Ersbøll, B. K. 2013 In : Applied Spectroscopy. 67, 7, p. 738-746
Publication: Research - peer-review › Journal article – Annual report year: 2013

Multivariate Statistical Process Control
Publication: Research › Report – Annual report year: 2013

On discriminant analysis techniques and correlation structures in high dimensions
Publication: Research › Report – Annual report year: 2013

Optimal vision system design for characterization of apples using US/VIS/NIR spectroscopy data
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Persistence of low-pathogenic H5N7 and H7N1 avian influenza subtypes in filtered natural waters
Nielsen, A. A., Jensen, T. H., Stockmarr, A. & Jørgensen, P. H. 2013 In : Veterinary Microbiology. 166, 3-4, p. 419-428
Publication: Research - peer-review › Journal article – Annual report year: 2013

PMWS development in pigs from affected farms in Spain and Denmark
Stockmarr, A. 2013
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

PMWS development in pigs from affected farms in Spain and Denmark
Stockmarr, A. 2013
Publication: Research › Sound/Visual production (digital) – Annual report year: 2013

PMWS Development in Pigs from Affected Farms in Spain and Denmark
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013
Population dynamics of species-rich ecosystems: the mixture of matrix population models approach
Publication: Research - peer-review › Journal article – Annual report year: 2012

PorkCAD: Case study of the design of a pork product prototyper
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Quantifying Dispersal of European Culicoides (Diptera: Ceratopogonidae) Vectors between Farms Using a Novel Mark-Release-Recapture Technique
Publication: Research - peer-review › Journal article – Annual report year: 2013

Quantitative Analysis of Micro-Structure in Meat Emulsions from Grating-Based Multimodal X-Ray Tomography
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Quantitative assessment of course evaluations
Publication: Research › Ph.D. thesis – Annual report year: 2014

Randomized controlled trial of the effects of vitamin D–fortified milk and bread on serum 25-hydroxyvitamin D concentrations in families in Denmark during winter: the VitmaD study
Publication: Research - peer-review › Journal article – Annual report year: 2013

Spatial abundance and clustering of Culicoides (Diptera: Ceratopogonidae) on a local scale
Publication: Research - peer-review › Journal article – Annual report year: 2013

Spatio-temporal abundance and dispersal of Culicoides
Publication: Research › Ph.D. thesis – Annual report year: 2013

Spatio-temporal abundance of Culicoides on a local scale
Kirkeby, C., Bødker, R., Stockmarr, A. & Lind, P. 2013
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Spatio-temporal optimization of sampling for bluetongue vectors (Culicoides) near grazing livestock
Kirkeby, C., Stockmarr, A., Bødker, R. & Lind, P. 2013 In : Parasites & Vectors. 6, 1, 6 p., 151
Publication: Research - peer-review › Journal article – Annual report year: 2013

Statistical Outlier Detection for Jury Based Grading Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Statistical Quality Assessment of Pre-fried Carrots Using Multispectral Imaging
Text mining in students’ course evaluations: Relationships between open-ended comments and quantitative scores

The dietary effect of serving school meals based on the new Nordic diet – A randomised controlled trial in Danish children

The Effect of Rubric Rating Scale on the Evaluation of Engineering Design Projects

The Gut Microbiotassay: a high-throughput qPCR approach combinable with next generation sequencing to study gut microbial diversity

The range of attraction for light traps catching Culicoides biting midges

The range of attraction for light traps catching Culicoides biting midges

The range of attraction for light traps catching Culicoides biting midges (Diptera: Ceratopogonidae)
Kirkeby, C., Græsbøll, K., Stockmarr, A., Christiansen, L. E. & Bødker, R. 2013 In : Parasites & Vectors. 6, 1, 19 p., 67

The Statistical Value Chain - a Benchmarking Checklist for Decision Makers to Evaluate Decision Support Seen from a Statistical Point-Of-View

Using multilevel systematic sampling to study apple fruit (Malus domestica Borkh.) quality and its variability at the orchard scale
Martínez Vega, M. V., Wulfsohn, D., Clemmensen, L. K. H. & Toldam-Andersen, T. B. 2013 In : Scientia Horticulturae. 161 , p. 58-64

Using Multispectral Imaging for Spoilage Detection of Pork Meat
Dissing, B. S., Papadopoulou, O. S., Tassou, C., Ersbøll, B. K., Carstensen, J. M., Z. Panagou, E. & Nychas, G-J. 2013 In : Food and Bioprocess Technology. 6, 9, p. 2268-2279

Using X-ray imaging to study thermal-induced changes in food
Nielsen, M. S., Miklós, R., Lametsch, R., Einarsdottir, H. & Feidenhans'l, R. 2013

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Publication: Research - peer-review › Journal article – Annual report year: 2013

Publication: Research - peer-review › Journal article – Annual report year: 2013

Publication: Research - peer-review › Journal article – Annual report year: 2013

Publication: Research - peer-review › Poster – Annual report year: 2013

Publication: Research - peer-review › Poster – Annual report year: 2013

Publication: Research - peer-review › Poster – Annual report year: 2013

Publication: Research - peer-review › Poster – Annual report year: 2013

Publication: Research - peer-review › Poster – Annual report year: 2013

Publication: Research - peer-review › Poster – Annual report year: 2013

Publication: Research - peer-review › Poster – Annual report year: 2013

Publication: Research - peer-review › Journal article – Annual report year: 2014
Vitamin D status among families in Denmark: Baseline data from the vitmad study
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2013

What's (in) a real smoothie. A division of linguistic labour in consumers' acceptance of name–product combinations?
Smith, V., Green-Petersen, D., Magelvang-Hansen, P., Christensen, R. H. B., Qvistgaard, F. & Hyldig, G. 2013 In : Appetite. 63, p. 129-140
Publication: Research - peer-review › Journal article – Annual report year: 2013

Workshop on Farm Animal and Food Quality Imaging 2013: Espoo, Finland, June 17, 2013, Proceedings
Publication: Research › Report – Annual report year: 2013

Wound healing in rainbow trout (Oncorhynchus mykiss) and common carp (Cyprinus carpio): with a focus on gene expression and wound imaging
Publication: Research › Ph.D. thesis – Annual report year: 2014

Dismantling the Mantel tests
Publication: Research - peer-review › Journal article – Annual report year: 2012

Fitting a distribution to microbial counts: making sense of zeros
Ribeiro Duarte, A. S., Stockmarr, A. & Nauta, M. 2012
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Logics and Models for Stochastic Analysis Beyond Markov Chains
Publication: Research › Ph.D. thesis – Annual report year: 2013

Regressions modeller: Hvad regresserer vi på og hvorfor?
Stockmarr, A. 2012
Publication: Research - peer-review › 2D/3D (physical products) – Annual report year: 2013

"Remotion" Total Wrist Arthroplasty: Preliminary Results of a Prospective International Multicenter Study of 215 Cases
Publication: Research - peer-review › Journal article – Annual report year: 2013

Susse Winther interviews Frank Hedlund in: [Når katastrofen rammer] /When disaster strikes: Hurricane Katrina
Hedlund, F. H. 2012 In : Fagmagasinet Samtænkning. p. 14-17
Publication: Communication › Journal article – Annual report year: 2012

The crustal uplift determined at the Jakobshavn glacier (West Greenland) using ATM and GPS data
Muresan, I. S., Frumosu, F. D. & Khan, S. A. 2012
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Web-based Dietary Assessment for 8-11 Year Old School-children
Publication: Research › Ph.D. thesis – Annual report year: 2013
Deliverable 3.1: Sampling protocols for inorganic ENP from at least 3 matrices (meat, soup, olive oil)
Publication: Commissioned › Report – Annual report year: 2011

Optimal interventions to control campylobacter in broilers in Denmark
Publication: Research - peer-review › Poster – Annual report year: 2011

Persistence of Low-Pathogenic Avian Influenza H5N7 and H7N1 Subtypes in House Flies (Diptera: Muscidae)
Publication: Research - peer-review › Journal article – Annual report year: 2014

Statistikeren skiftede spor som 49-årig
Selund, S. & Rootzén, H. 7 Mar 2010 1, Sektion 4, Politiken
Publication: Communication › Newspaper article – Annual report year: 2010

A Generalization of the Alias Matrix
Publication: Research - peer-review › Journal article – Annual report year: 2006

Split-plot fractional designs: Is minimum aberration enough?
Kulahci, M., Ramirez, J. & Tobias, R. 2006 In : Journal of Quality Technology. 38, 1, p. 56-64
Publication: Research - peer-review › Journal article – Annual report year: 2006

Correlating phospholipid fatty acids (PLFA) in a landfill leachate polluted aquifer with biogeochemical factors by multivariate statistical methods
Publication: Research - peer-review › Journal article – Annual report year: 1997