Improving genomic predictions by correction of genotypes from genotyping by sequencing in livestock populations

Laccase activity measurement by FTIR spectral fingerprinting

Puncture of an import gasoline pipeline – spray effects may evaporate more fuel than a Buncefield-type tank overfill event

Staff optimization for time-dependent acute patient flow

Transcriptomics–genomics data integration and expression quantitative trait loci analyses in oocyte donors and embryo recipients for improving in vitro production of dairy cattle embryos

Monitoring batch processes with dynamic time warping and k-nearest neighbours
Spooner, M. & Kulahci, M. 15 Dec 2018 In : Chemometrics and Intelligent Laboratory Systems. 183, p. 102-112

New insights into the spatial genetic structure of the Indian riverine buffalo populations

Hvidvaskning med rejsekort
Hedlund, F. H. 28 Sep 2018 In : Weekendavisen. 39, p. 15 - 1, sektion

Breakfast in Denmark. Prevalence of Consumption, Intake of Foods, Nutrients and Dietary Quality. A Study from the International Breakfast Research Initiative

How a 10-day heatwave impacts barley grain yield when superimposed onto future levels of temperature and CO₂ as single and combined factors

Transcription factor co-expression networks of adipose RNA-Seq data reveal regulatory mechanisms of obesity

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
Rare-events classification - An approach based on genetic algorithm and voronoi tessellation
Khan, A. R., Schiøler, H., Zaki, M. & Kulahci, M. 1 Jan 2018 Trends and Applications in Knowledge Discovery and Data Mining - PAKDD 2018 Workshops, BDASC, BDIM, ML4Cyber, PAISI, DaMEMO, Revised Selected Papers. Springer, p. 256-266 (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Vol. 11154).
Research output: Research - peer-review › Article in proceedings – Annual report year: 2019

Added Value of Individual Flexibility Profiles of Electric Vehicle Users For Ancillary Services
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Advances of matrix-analytic methods in risk modelling
Research output: Research › Ph.D. thesis – Annual report year: 2018

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

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

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

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

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

A Rollercoaster to Model Touch Interactions during Turbulence
Research output: Research - peer-review › Journal article – Annual report year: 2018

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

Associations Between DrugStar App Events and Perceived benefits of Diabetes Patients
Research output: Research › Report – Annual report year: 2018
Delayed insulin absorption correlates with alterations in subcutaneous depot kinetics in rats with diet-induced obesity: Obesity and insulin injection depot kinetics
Research output: Research - peer-review › Journal article – Annual report year: 2018

Dimensioning a Product Development Project Portfolio Using a Closed Queueing Network
Research output: Research - peer-review › Article in proceedings – Annual report year: 2019

Distribution Fitting for Very Large Railway Delay Data Sets with Discrete Values
Research output: Research - peer-review › Paper – Annual report year: 2018

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

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

Effects of Lifestyle on Muscle Strength in a Healthy Danish Population
Research output: Research - peer-review › Journal article – Annual report year: 2018

Estimating functions for jump–diffusions
Jakobsen, N. M. & Sørensen, M. 2018 (Accepted/In press) In: Stochastic Processes and their Applications.
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2018

Finanskrise
Research output: Communication › Contribution to newspaper - Comment/debate – Annual report year: 2018

Gene co-expression networks from RNA sequencing of dairy cattle identifies genes and pathways affecting feed efficiency
Research output: Research - peer-review › Journal article – Annual report year: 2018

Harvest time prediction for batch processes
Research output: 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
Research output: 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
Hedlund, F. H. & Madsen, M. 2018 In : Journal of Chemical Health and Safety. 25, 6, p. 13-21
Research output: Research - peer-review › Journal article – Annual report year: 2018

Investigation of a Monturaqui Impactite by Means of Bi-Modal X-ray and Neutron Tomography
Journal of Electronic Imaging. 4, 5, 24 p., 72
Research output: Research - peer-review › Journal article – Annual report year: 2018

Kage årsag til iltmangel og indlæggelse på hospital
Hedlund, F. H. 2018 In : Kjemi. 78, 4, p. 12-15
Research output: Research › 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
Research output: Research › Communication › Journal article – Annual report year: 2018

Land-use planning risk estimates for a chemical industrial park in China - A longitudinal study
124-133
Research output: Research - peer-review › Journal article – Annual report year: 2018

Layered Surface Detection for Virtual Unrolling
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

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

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

Monthly variation in the probability of presence of adult Culicoides populations in nine European countries and the
implications for targeted surveillance
Cuellar, A. C., Jung Kjær, L., Baum, A., Stockmarr, A., Skovgaard, H., Nielsen, S. A., Andersson, M. G., Lindström, A.,
Chirico, J., Lühken, R., Steinke, S., Kiel, E., Gethmann, J., Conraths, F. J., Larska, M., Smreczak, M., Orłowska, A.,
Hamnes, I., Sviland, S., Hopp, P., Brugger, K., Rubel, F., Balenghien, T., Garros, C., Rakotoarivony, I., Allène, X., Lhoir,
J., Chavernac, D., Delécolle, J-C., Mathieu, B., Delécolle, D., Setier-Rio, M-L., Venail, R., Scheid, B., Chueca, M. Â M.,
Research output: Research - peer-review › Journal article – Annual report year: 2018

Multi-Parameterised Matchmaking: A Framework
Christiansen, A. H., Gensby, E. & Nielsen, B. F. 2018 Proceedings of 2018 IEEE Conference on Computational
Intelligence and Games. IEEE, 4 p. (2018 Ieee Conference on Computational Intelligence and Games (cig)).
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Multi-phase Volume Segmentation with Tetrahedral Mesh
Conference. 13 p.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018
Notat om fremskrivning af andelen af multisyge i Danmark frem til 2025
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2018

Order statistics and multivariate discrete phase-type distributions.
Research output: Research › Ph.D. thesis – Annual report year: 2018

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

Predicting and mapping human risk of exposure to Ixodes ricinus nymphs in northern Europe using climatic and environmental data
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

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

Probabilistic approach for assessing cancer risk due to benzo[a]pyrene in barbecued meat: Informing advice for population groups
Research output: Research - peer-review › Journal article – Annual report year: 2018

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

Queueing and Optimization Models for Hospital Patient Flow
Andersen, A. R. 2018 Technical University of Denmark. 190 p.
Research output: Research › Ph.D. thesis – Annual report year: 2018

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

Simulated physiological oocyte maturation has side effects on bovine oocytes and embryos
Research output: Research - peer-review › Journal article – Annual report year: 2018

Sparse Classification - Methods & Applications
Research output: 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. & Erbsøll, B. K. 2018 In : Journal of Statistical Software. 84, 10, 37 p.
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2018

Statistical Learning with Applications in Biology
Research output: Research › Ph.D. thesis – Annual report year: 2018

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

Stort udslip af giftig gas ved aflæsning af madaffald
Hedlund, F. H. 2018 In : Kemi. 78, 4, p. 16-21
Research output: Research › 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
Research output: Communication › Journal article – Annual report year: 2018

Stort utsläpp av giftig gas vid avlastning av matavfall
Hedlund, F. H. 2018 In : Kemivärlden Biotech med Kemisk Tidsskrift. 2018, 7, p. 30-33
Research output: Research › Journal article – Annual report year: 2018
Svovlbrinte stinker, men dræber uden lugt
Hedlund, F. H. 2018 In : Dansk Kemi. 99, 4, p. 6-7
Research output: Communication › Journal article – Annual report year: 2018

Svovlbrinte stinker, men dræber uden lugt
Hedlund, F. H. 2018
Research output: Communication › Net publication - Internet publication – Annual report year: 2018

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

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

Technology to provide educational practitioners with the expertise they need
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2018

The Mixed Assessor Model and the multiplicative mixed model
Research output: Research - peer-review › Journal article – Annual report year: 2018

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

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

Understanding UD Fibre-reinforced Polymers through X-ray Imaging and Individual Fibre Tracking
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

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
Research output: Research › Journal article – Annual report year: 2018

Using game design for learning
Research output: Research - peer-review › Book chapter – Annual report year: 2018

Very short-term spatio-temporal wind power prediction using a censored Gaussian field
Baxevani, A. & Lenzi, A. 2018 In : Stochastic Environmental Research and Risk Assessment. 32, 4, p. 931-948
Research output: Research - peer-review › Journal article – Annual report year: 2018
Analysis of aggregated functional data from mixed populations with application to energy consumption
Research output: Research - peer-review › Journal article – Annual report year: 2017

Analysis of the Data Using the R Package sensR
(Woodhead Publishing Series in Food Science, Technology and Nutrition).
Research output: Research - peer-review › Book chapter – Annual report year: 2017

Applying LCA in decision making- the need and the future perspective
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

A probabilistic approach to urban flooding from sea surges in Copenhagen
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

A Probabilistic Framework for Curve Evolution
(Lecture Notes in Computer Science, Vol. 10302).
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

A procedure for grouping food consumption data for use in food allergen risk assessment
Birot, S., Madsen, C. B., Kruizinga, A. G., Christensen, T., Crépet, A. & Brockhoff, P. B. 2017 In : Journal of Food Composition and Analysis. 59, p. 111-123
Research output: Research - peer-review › Journal article – Annual report year: 2017

År sprängplattan vänd åt rätt håll?
Hedlund, F. H. 2017 In : Kemivärlden Biotech med Kemisk Tidsskrift. 3, p. 22-23
Research output: Research › Journal article – Annual report year: 2018

A Simulation-based Markov Decision Process for the Scheduling of Operating Theatres
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Automatic Segmentation of Abdominal Fat in MRI-Scans, Using Graph-Cuts and Image Derived Energies
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Beskedent overtryk gav spektakulære følger
Hedlund, F. H. 2017 In : Kjemi. 77, 1, p. 16-18
Research output: Communication › Journal article – Annual report year: 2017

Big Data Analytics for Industrial Process Control
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018
Big data - modelling of midges in Europa using machine learning techniques and satellite imagery
Research output: Research - peer-review » Conference abstract in proceedings – Annual report year: 2017

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

Blygsamt övertryck fick spektakulära följder
Hedlund, F. H. 2017 In : Kemivärlden Biotech med Kemisk Tidsskrift. 2, p. 21-23
Research output: Research - peer-review » Journal article – Annual report year: 2017

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

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

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

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

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

DTU Employee Satisfaction Survey 2017 - importance analysis
Research output: 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
Research output: Research - peer-review » Journal article – Annual report year: 2016

Er sprængpladen vendt korrekt?
Hedlund, F. H. 2017 In : Kjemi. 77, 1, p. 14-15
Research output: 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
Investigating the influence of product perception and geometric features
Research output: Research - peer-review › Journal article – Annual report year: 2016

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

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

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

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

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

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

Multi-phase Volume Segmentation with Tetrahedral Mesh
Research output: Research - peer-review › Paper – Annual report year: 2017

New approach for validating the segmentation of 3D data applied to individual fibre extraction
Research output: Research - peer-review › Paper in proceedings – Annual report year: 2017

On the structure of dynamic principal component analysis used in statistical process monitoring
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2017

Optimization of hospital ward resources with patient relocation using Markov chain modelling
Research output: Research - peer-review › Journal article – Annual report year: 2017
Outlier Detection in End-User Performance Monitoring - Smart Innovation.
Research output: Research › Report – Annual report year: 2017

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

Pilot Demonstration of Alarm Management in Oil & Gas Operations. - Decision Support from Functional Modelling.
Jørgensen, T. M. 2017 DHRTC Research Abstracts. p. 31-31
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

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

Quantitative measure of optic disc drusen location in enhanced depth imaging optical coherence tomography scans
Research output: 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
Research output: Communication › Journal article – Annual report year: 2017

Scenario-Neutral Simulation of Flood Risk for Multiple Drivers
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

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

Selection of non-zero loadings in sparse principal component analysis
Research output: Research - peer-review › Journal article – Annual report year: 2017

Selection of objective function for imbalanced classification: an industrial case study
Research output: 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
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017
Simulering af Lokalebehov i 2025
Research output: Research › Report – Annual report year: 2017

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

Sparse supervised principal component analysis (SSPCA) for dimension reduction and variable selection
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2016

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

Stochastic Greybox Modeling of Slugging Flows
Goranovic, G., Møller, J. K., Jørgensen, T. M. & Madsen, H. 2017
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Svigt af inertgas purge medførte eksplosion i beholder
Hedlund, F. H. 2017 In : Dansk Kemi. 98, 1/2, p. 12-15
Research output: Communication › Journal article – Annual report year: 2017

Tank für Überschusshefe versagt – mit katastrophalen Folgen
Hedlund, F. H. & Selig, R. S. 2017 In : Brauwelt. 157, 8-9, p. 229-232
Research output: Research - peer-review › Journal article – 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
Research output: Research - peer-review › Journal article – Annual report year: 2017

Unidirectional Fibre Composite Characterisation from X-ray Tomography
Research output: Research › Poster – Annual report year: 2017

Unraveling fermentation data – a Novozymes case study
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017
An optimized outlier detection algorithm for jury-based grading of engineering design projects
Research output: Research - peer-review › Journal article – Annual report year: 2016

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

Causal Analysis of Railway Running Delays
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2016

Concurrent elevation of CO_{2}, O_{3} and temperature severely affects oil quality and quantity in rapeseed
Research output: 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
Research output: Research - peer-review › Review – Annual report year: 2015

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

Determinants of meal satisfaction in a workplace environment
Research output: 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
Research output: 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
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 : Biomedical Veterinary Research. 12, 1, 12 p., 118
Research output: Research - peer-review › Journal article – Annual report year: 2016

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

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

From university research to innovation Detecting knowledge transfer via text mining
Research output: 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
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2016

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

High-resolution rainfall time series for future climate
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2016

Image Analysis for X-ray Imaging of Food
Split-plot designs for multistage experimentation
Research output: 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
Research output: Research › Journal article – Annual report year: 2016

Sustainable flood risk management – What is sustainable?
Research output: Research › 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
Research output: Research › 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
Research output: Research › Journal article – Annual report year: 2016

The effect of skatole and androstenone on consumer response towards fresh pork from m. longissimus thoracis et lumborum and m. semimembranosus
Research output: Research › Journal article – Annual report year: 2016

The fundament of food, crop protein production, is threatened by climate change
Research output: Research › Net publication - Internet publication – Annual report year: 2016

The Traveling Optical Scanner – Case Study on 3D Shape Models of Ancient Brazilian Skulls
Research output: Research › Article in proceedings – Annual report year: 2016

Translation of risk factor estimates into on-farm interventions and their effect on Campylobacter broiler flock prevalence
Research output: Research › 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
Research output: Research › Journal article – Annual report year: 2016

Use of Sparse Principal Component Analysis (SPCA) for Fault Detection
Research output: Research › 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
Visualizing multifactorial and multi-attribute effect sizes in linear mixed models with a view towards sensometrics
Research output: 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
Research output: Research › peer-review › Journal article – Annual report year: 2016

What does it take to practice sustainable flood risk management?
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2016

X-ray based micromechanical finite element modeling of composite materials
Research output: Research › peer-review › Article in proceedings – Annual report year: 2016

Fremtidens samfund mangler kvindelige professorer
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2015

Kvindekvoter er ligebehandling
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2015

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

AB0346 Correlation of Disease Duration, Disease Activity and Pain to Fatigue – a Systematic Review
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2016

Analysis of data from the MariCare Smartfloor at Skovhuset Care Home
Research output: Research › Report – Annual report year: 2016

Antibiotika til mink fra 2007-2012
Research output: Research - peer-review › Journal article – Annual report year: 2015
Artifact removal in Differential Phase Contrast X-ray Computed Tomography
Research output: Research - peer-review › Report chapter – Annual report year: 2016

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

Back scattering interferometry revisited – A theoretical and experimental investigation
Research output: Research - peer-review › Journal article – Annual report year: 2015

Battling Bluetongue and Schmallenberg virus: Local scale behavior of transmitting vectors
Stockmarr, A., Kirkeby, C. & Bedker, R. 2015 In : Journal of infectious disease and therapy. 3, 4, p. 43
Research output: Research › Conference abstract in journal – Annual report year: 2015

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

Calculation of ruin probabilities for a dense class of heavy tailed distributions
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2015

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

Characterizing Digital Light Processing (DLP) 3D Printed Primitives
Research output: 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., Naes, T. & Brockhoff, P. B. 2015 In : Journal of Chemometrics. 29, 1, p. 29-37
Research output: Research - peer-review › Journal article – Annual report year: 2015
Computer-aided diagnosis of pulmonary diseases using x-ray darkfield radiography
Research output: Research - peer-review › Journal article – Annual report year: 2015

Design and analysis of biomedical studies
Research output: 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.

Development of LED Light Sources for Improved Visualization of Veins: a statistical approach
Argyraki, A., Clemmensen, L. K. H. & Petersen, P. M. 2015 1 p.
Research output: 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
Research output: 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
Research output: 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.
Research output: Research › Ph.D. thesis – Annual report year: 2015

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

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

Evaluation of back scatter interferometry, a method for detecting protein binding in solution
Research output: 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
Research output: Research › peer-review › Journal article – Annual report year: 2015

Farm specific risk factors for Campylobacter colonization of broilers in six European countries
Farm specific risk factors for Campylobacter colonization of broilers in six European countries

Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Fitting a distribution to microbial counts: Making sense of zeroes

Research output: Research - peer-review › Journal article – Annual report year: 2015

Fler overvægtige danske kvinder

Research output: Research › Journal article – Annual report year: 2015

Generalized requirements and decompositions for the design of test parts for micro additive manufacturing research

Research output: Research - peer-review › Journal article – Annual report year: 2015

IC3 and IC4 Trains Under Risk of Blocking their Wheels
Stockmarr, A. 2015

Research output: Research › Sound/Visual production (digital) – Annual report year: 2015

iCFD: Interpreted Computational Fluid Dynamics – Degeneration of CFD to one-dimensional advection-dispersion models using statistical experimental design – The secondary clarifier

Research output: Research - peer-review › Journal article – Annual report year: 2015

ICFD modeling of final settlers - developing consistent and effective simulation model structures

Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Impact of Autocorrelation on Principal Components and Their Use in Statistical Process Control

Research output: Research - peer-review › Journal article – Annual report year: 2015

Individualized Learning Through Non-Linear use of Learning Objects: With Examples From Math and Stat

Research output: 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

Research output: Research - peer-review › Journal article – Annual report year: 2015

Introduction to Statistics - eNotes

Research output: Education › Net publication - 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

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

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

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

Segmentation and characterization of fibers
Dahl, V. A. 2015
Research output: 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
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2015

SigmaH for Switches and Crossings
Research output: Communication › Report – Annual report year: 2015

Significant decrease in yield under future climate conditions: Stability and production of 138 spring barley accessions
Research output: Research - peer-review › Journal article – Annual report year: 2015

Social ulighed i fedme og fedme-epidemien for børn
Research output: Research › Sound/Visual production (digital) – Annual report year: 2015

Social ulighed i fedme og fedme-epidemien for børn; et review
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015
Spatial factor analysis: a new tool for estimating joint species distributions and correlations in species range
Thorson, J. T., Scheuerell, M. D., Shelton, A. O., See, K. E., Skaug, H. J. & Kristensen, K. 2015 In : Methods in Ecology and Evolution. 6, 6, p. 627-637
Research output: Research - peer-review › Journal article – Annual report year: 2015

Statistical Data Mining for Efficient Quality Control in Manufacturing
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Student employment and study effort for engineering students
Clemmensen, L. K. H. & Harder, D. E. 2015 Proceedings of the 43rd Annual SEFI Conference. 8 p. 56598
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Surface Detection and Segmentation
Dahl, V. A. 2015
Research output: Research › Sound/Visual production (digital) – Annual report year: 2015

Taking individual scaling differences into account by analyzing profile data with the Mixed Assessor Model
Research output: Research - peer-review › Journal article – Annual report year: 2015

The Effect of Autocorrelation on the Hotelling T-2 Control Chart
Research output: Research - peer-review › Journal article – Annual report year: 2015

The effect of skatole and androstenone on consumer response towards streaky bacon and pork belly roll
Research output: Research - peer-review › Journal article – Annual report year: 2015

The likelihood principle and its proof – a never-ending story...
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Two segmentation methods
Dahl, V. A. 2015
Research output: Research › Sound/Visual production (digital) – Annual report year: 2014

VirtualTable: a projection augmented reality game
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Vi skal sørge for at kvinder også passer ind
Rootzén, H. 2015 In : Alt for Damerne. 2015, 28, p. 22-23
Research output: Communication › Journal article – Annual report year: 2015

Vitamin D intake-status relationship among Danes aged 4-60 years during winter
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016
What do Danish children eat, and does the diet meet the recommendations?: Baseline data from the OPUS School Meal Study
Research output: Research - peer-review › Journal article – Annual report year: 2015

Which sensory perception is primarily considered, in consumers' hedonic evaluation of foods?
Andersen, B. V., Brockhoff, P. B. & Hyldig, G. 2015
Research output: Research › Conference abstract for conference – Annual report year: 2015

Les éléphants en danger
Research output: Research - peer-review › Book chapter – Annual report year: 2014

Analysis of micro-structure in raw and heat treated meat emulsions from multimodal X-ray microtomography
Research output: Research - peer-review › Journal article – Annual report year: 2014

A Comparison between Two Simulation Models for Spread of Foot-and-Mouth Disease
Research output: Research - peer-review › Journal article – Annual report year: 2014

Analysis of data for trending
Research output: Communication › Report – Annual report year: 2014

A national drug related problems database: evaluation of use in practice, reliability and reproducibility
Research output: Research - peer-review › Journal article – Annual report year: 2014

A Thurstonian comparison of the Tetrad and Degree of Difference tests
Research output: Research - peer-review › Journal article – Annual report year: 2014

Automatic sleep classification using a data-driven topic model reveals latent sleep states
Research output: Research - peer-review › Journal article – Annual report year: 2014

Can We Find Organic Materials in Food Using X-rays?
Research output: Research - peer-review › Poster – Annual report year: 2014

Capability analysis
Research output: 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
DTU's undersøgelser af lav adhæsion / glatte skinner for Transportministeriet og DSB
Research output: Commissioned › Report – Annual report year: 2014

Editorial - a Special Issue on Data Mining
Research output: Research › Editorial – Annual report year: 2014

Effectiveness of offering healthy labelled meals in improving the nutritional quality of lunch meals eaten in a worksite canteen
Lassen, A. D., Beck, A. M., Leedo, E., Andersen, E. W., Christensen, T., Mejborn, H., Thorsen, A. V. & Tetens, I. 2014 In : Appetite. 75, 1, p. 128-134
Research output: Research - peer-review › Journal article – Annual report year: 2014

Enabling optimization in LCA: from "ad hoc" to "structural" LCA approach—based on a biodiesel well-to-wheel case study
Research output: Research - peer-review › Journal article – Annual report year: 2013

Estimating spatio-temporal dynamics of size-structured populations
Research output: Research - peer-review › Journal article – Annual report year: 2013

Evaluation of alternative age-based methods for estimating relative abundance from survey data in relation to assessment models
Berg, C. W., Nielsen, A. & Kristensen, K. 2014 In : Fisheries Research. 151, p. 91-99
Research output: Research - peer-review › Journal article – Annual report year: 2013

Factors influencing observed and self-reported functional ability in women with chronic widespread pain: A cross-sectional study
Research output: Research - peer-review › Journal article – Annual report year: 2014

Fluorescence in situ hybridization investigation of potentially pathogenic bacteria involved in neonatal porcine diarrhea
Research output: Research - peer-review › Journal article – Annual report year: 2014

Forsking og uddannelse er en forudsætning for gevinst af Big Data
Research output: Communication › Journal article – Annual report year: 2015

How do student evaluations of courses and of instructors relate?
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Hyperspectral imaging based on diffused laser light for prediction of astaxanthin coating concentration
Research output: Research - peer-review › Journal article – Annual report year: 2013
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
Research output: Research - peer-review › Journal article – Annual report year: 2013

Influence of consumer's background on product perception
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

In vivo Comet assay – statistical analysis and power calculations of mice testicular cells
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

Maximizing entropy over Markov processes
Research output: Research - peer-review › Conference article – Annual report year: 2014

Method for detection of an abnormal sleep pattern in a person
Research output: Research › Patent – Annual report year: 2014

Multiphase Image Segmentation Using the Deformable Simplicial Complex Method
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Multivariate phase type distributions - Applications and parameter estimation
Research output: Research › Ph.D. thesis – Annual report year: 2014

Novel X-ray phase-contrast tomography method for quantitative studies of heat induced structural changes in meat
Research output: Research - peer-review › Journal article – Annual report year: 2014

Obituary: Marcel F. Neuts 1935-2014
Research output: Communication › Journal article – Annual report year: 2014

On the use of functional calculus for phase-type and related distributions
Research output: Research › Report – Annual report year: 2014
On Weighted Support Vector Regression
Han, X. & Clemmensen, L. K. H. 2014 In : Quality and Reliability Engineering International. 30, 6, p. 891-903
Research output: Research - peer-review › Journal article – Annual report year: 2014

Optimering af billetkontrol.
Research output: Research › Communication – Annual report year: 2014

Paired preference data with a no-preference option – Statistical tests for comparison with placebo data
Research output: Research - peer-review › Journal article – Annual report year: 2014

Quantitative assessment of the risk of introduction of bovine viral diarrhea virus in Danish dairy herds
Research output: Research - peer-review › Journal article – Annual report year: 2014

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.
Research output: Research › peer-review › Journal article – Annual report year: 2014

Segmentation of Connective Tissue in Meat from Microtomography Using a Grating Interferometer
Research output: Research › Conference abstract for conference – Annual report year: 2014

Segmentation Toolbox for Tomographic Image Data
Einarsdottir, H. 2014 1 p.
Research output: Research › Poster – Annual report year: 2014

Selecting groups of covariates in the elastic net
Research output: Research › Report – Annual report year: 2014

Short mandible - a possible risk factor for cleft palate with/without a cleft lip
Research output: Research - peer-review › Journal article – Annual report year: 2014

Sparse and shrunken estimates of MRI networks in the brain and their influence on network properties
Research output: 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
Research output: Research › peer-review › Journal article – Annual report year: 2014

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

Study Delay
Research output: 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
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

The importance of spatial models for estimating the strength of density dependence
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

The MAM-CAP table: A new tool for monitoring panel performances
Research output: 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
Research output: 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
Research output: Research › Report – Annual report year: 2014

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

Trends in pedometer-measured steps per day in Danish adults: 2007 to 2012
Research output: Research - peer-review › Poster – Annual report year: 2014
Understanding traffic crash under-reporting: linking police and medical records to individual and crash characteristics
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

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

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

Analysis of factors important for the occurrence of Campylobacter in Danish broiler flocks
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

A New Paradigm in Mortgage Loan Advice
Research output: 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
Research output: 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., Wulfsohn, D., Skov, T., Clemmensen, L. K. H. & Toldam-Andersen, T. B. 2013 In : Journal of the Science of Food and Agriculture. 93, 15, p. 3710–3719
Research output: 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
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2013

Class 4 Defects
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

Multivariate Statistical Process Control

On discriminant analysis techniques and correlation structures in high dimensions

Optimal vision system design for characterization of apples using US/VIS/NIR spectroscopy data

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

PMWS development in pigs from affected farms in Spain and Denmark
Stockmarr, A. 2013

PMWS Development in Pigs from Affected Farms in Spain and Denmark

Population dynamics of species-rich ecosystems: the mixture of matrix population models approach

PorkCAD: Case study of the design of a pork product prototyper

Quantifying Dispersal of European Culicoides (Diptera: Ceratopogonidae) Vectors between Farms Using a Novel Mark-Release-Recapture Technique
Quantitative Analysis of Micro-Structure in Meat Emulsions from Grating-Based Multimodal X-Ray Tomography

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

Spatial abundance and clustering of Culicoides (Diptera: Ceratopogonidae) on a local scale

Spatio-temporal abundance of Culicoides on a local scale

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

Statistical Outlier Detection for Jury Based Grading Systems

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

The range of attraction for light traps catching Culicoides biting midges
Research output: Research - peer-review › Poster – Annual report year: 2013

The range of attraction for light traps catching Culicoides biting midges
Research output: Research - peer-review › Poster – Annual report year: 2013

The range of attraction for light traps catching Culicoides biting midges (Diptera: Ceratopogonidae)
Kirkeby, C., Græsbøll, K., Stockmarr, A., Christiansen, L. E. & Bedker, R. 2013 In : Parasites & Vectors. 6, 1, 19 p., 67
Research output: Research - peer-review › Journal article – Annual report year: 2013

The Statistical Value Chain - a Benchmarking Checklist for Decision Makers to Evaluate Decision Support Seen from a Statistical Point-Of-View
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

Using Multispectral Imaging for Spoilage Detection of Pork Meat
Dissing, B. S., Papadopoulou, O. S., Tassou, C., Erbsbøll, B. K., Carstensen, J. M., Z. Panagou, E. & Nychas, G-J. 2013 In : Food and Bioprocess Technology. 6, 9, p. 2268-2279
Research output: Research - peer-review › Journal article – Annual report year: 2014

Using X-ray imaging to study thermal-induced changes in food
Research output: Research › Poster – Annual report year: 2013

Vitamin D status among families in Denmark: Baseline data from the vitmad study
Research output: 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., Megelvang-Hansen, P., Christensen, R. H. B., Qvistgaard, F. & Hyldig, G. 2013 In : Appetite. 63, p. 129-140
Research output: Research - peer-review › Journal article – Annual report year: 2013

Workshop on Farm Animal and Food Quality Imaging 2013: Espoo, Finland, June 17, 2013, Proceedings
Research output: 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
Dismantling the Mantel tests
Research output: Research - peer-review › Journal article – Annual report year: 2012

Fitting a distribution to microbial counts: making sense of zeros
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Regressions modeller: Hvad regresseør vi på og hvorfor?
Stockmarr, A. 2012
Research output: 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
Research output: 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
Research output: Communication › Journal article – Annual report year: 2012

The crustal uplift determined at the Jakobshavn glacier (West Greenland) using ATM and GPS data
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Deliverable 3.1: Sampling protocols for inorganic ENP from at least 3 matrices (meat, soup, olive oil)
Research output: Commissioned › Report – Annual report year: 2011

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

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

Statistikeren skiftede spor som 49-årig
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2010

A Generalization of the Alias Matrix
Research output: 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
Research output: 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