Capaci, Francesca; Kulahci, Murat; Vanhatalo, Erik / 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

Hedlund, Frank Huess / Explosion i rötkammare med biogas.
In: Kemivärlden Biotech med Kemisk Tidskrift, No. 4, 2017, p. 20-23.
Publication: Communication › Journal article – Annual report year: 2017

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

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

Einarsson, Gudmundur; Jensen, Janus Nørtoft; Paulsen, Rasmus Reinhold; Einarsdottir, Hildur; Ersbøll, Bjarne Kjær; Dahl, Anders Bjorholm; Christensen, Lars Bager / 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

Sørup, Hjalte Jomo Danielsen; Georgiadis, Stylianos; Gregersen, Ida Bülow; Arnbjerg-Nielsen, Karsten / 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

Emerson, Monica Jane; Dahl, Vedrana Andersen; Mikkelsen, Lars Pilgaard; Dahl, Anders Bjorholm; Conradsen, Knut / Geometrical Characterisation of Individual Fibres From X-Ray Tomograms.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Hedlund, Frank Huess / Høringssvar - Vejledning om definition større uheld 2017.
2017. 11 p.
Publication: Commissioned › Question & Answer/hearing contribution – Annual report year: 2017

2017. 38 p.
Publication: Commissioned › Question & Answer/hearing contribution – Annual report year: 2017

Rootzén, Helle; Berg, Rolf Henrik; Hobley, Timothy John; Andersson, Pernille Hammar; Yoshinaka, Yutaka; Jensen, Lotte Bjerregaard / How to foster a High-Tech entrepreneurial mind-set – A multidisciplinary engineering course for Bachelor students. 2017. Abstract from 45th SEFI annual conference, Terceira Island, Azores, Portugal.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Moiseyenko, Rayisa; Baum, Andreas; Jørgensen, Thomas Martini; Glanville, S.; Laursen, C. N.; Mansouri, Seyed Soheil; Germaey, Krist V. / Imaging for monitoring downstream processing of fermentation broths.
2017. Abstract from Recent Advances in Fermentation Technology (RAFT 2017), Florida, United States.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Lindberg, Anne-Sofie Wessel; Jørgensen, Thomas Martini; Dahl, Vedrana Andersen / Interpolation from Grid Lines: Linear, Transfinite and Weighted Method.


Georgiadis, Stylianos; Jakobsen, Lea Sletting; Nielsen, Bo Friis; Stockmarr, Anders; Boriani, Elena; Duedahl-Olesen, Lene; Hald, Tine; Pires, Sara Monteiro / Modelling Dietary Exposure to Chemical Components in Heat-Processed Meats. 2017. Abstract from 17th Applied Stochastic Models and Data Analysis International Conference, London, United Kingdom.


Emerson, Monica Jane; Dahl, Anders Bjorholm; Dahl, Vedrana Andersen; Conradsen, Knut; Mikkelsen, Lars Pilgaard / New approach for validating the segmentation of 3D data applied to individual fibre extraction. Proceedings of 3rd International Conference on Tomography of Materials and Structures. 2017.

Andersen, Anders Reenberg; Stidsen, Thomas Jacob Riis; Nielsen, Bo Friis; Reinhardt, Line Blander / On the Scheduling of Operating Theatres by using a Simulation-based Markov Decision Process. 2017.

Sørensen, Mette Rosenlund; Matthiessen, Jeppe; Holm, Lotte; Knudsen, Vibeke Kildegaard; Andersen, Elisabeth Wreford; Tetens, Inge / 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

Andersen, Anders Reenberg; Nielsen, Bo Friis; Reinhardt, Line Blander / Optimization of hospital ward resources with patient relocation using Markov chain modeling.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Andersen, Jesper Fink; Stockmarr, Anders; Thyregod, Camilla; Ersbøll, Bjarne Kjær / Outlier Detection in End-User Performance Monitoring - Smart Innovation.
Publication: Research › Report – Annual report year: 2017

Jin, Yabin; Bonello, Bernard; Moiseyenko, Rayisa; Pennc, Yan; Boyko, Olga; Djafari-Rouhani, Bahram / Pillar-type acoustic metasurface.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Caballero, Daniel; Pérez-Palacios, Trinidad; Caro, Andrés; Amigo, José Manuel; Dahl, Anders Bjorholm; Ersbøll, Bjarne Kjær; Antequera, Teresa / Prediction of pork quality parameters by applying fractals and data mining on MRI.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Malmqvist, Lasse; Lindberg, Anne-Sofie Wessel; Dahl, Vedrana Andersen; Jørgensen, Thomas Martini; Hamann, Steffen / 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

Hedlund, Frank Huess / Risici ved midlertidige oplag af farligt gods.
Publication: Communication › Journal article – Annual report year: 2017

Löwe, Roland; Urich, Christian; Kulahci, Murat; Radhakrishnan, Mohanasundar; Deletic, Ana; Arnbjerg-Nielsen, Karsten / Scenario-Neutral Simulation of Flood Risk for Multiple Drivers.
2017. Abstract from 7th International Conference on Flood Management (ICFM7), Leeds, United Kingdom.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Spoonser, Max Peter; Kold, David; Kulahci, Murat / Selecting local constraint for alignment of batch process data with dynamic time warping.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Gaijar, Shriram; Kulahci, Murat; Palazoglu, Ahmet / Selection of non-zero loadings in sparse principal component analysis.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Löwe, Roland; Urich, Christian; Kulahci, Murat; Radhakrishnan, Mohanasundar; Deletic, Ana; Arnbjerg-Nielsen, Karsten / Setup for Scenario-free Modelling of Urban Flood Risk in Non-stationary Climate and Urban Development Conditions.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017
Hedlund, Frank Huess / **Sikring af risikovirksomheder.**
Publication: Communication › Journal article – Annual report year: 2017

Andersen, Jesper Fink; Erbsell, Bjørne Kjær; Thyregod, Camilla / **Simulering af Lokalebehov l 2025.**
Publication: Research › Report – Annual report year: 2017

Schiøtz, Michaela L; Stockmarr, Anders; Høst, Dorte; Glumer, Charlotte; Frølich, Anne / **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

Sharifzadeh, Sara; Ghodsi, Ali; Clemmensen, Line H.; Erbsell, Bjarne Kjær / **Sparse supervised principal component analysis (SSPCA) for dimension reduction and variable selection.**
Publication: Research - peer-review › Journal article – Annual report year: 2017

Lønne, Amanda; Pinson, Pierre; Clemmensen, Line Katrine Harder; Guillot, Gilles / **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

Lenzi, Amanda; Ersbøll, Bjarne Kjær (Main supervisor); Clemmensen, Line Katrine Harder (Supervisor); Pinson, Pierre (Supervisor) / **Statistical modelling of space-time processes with application to wind power.**
Publication: Research › Ph.D. thesis – Annual report year: 2017

Hedlund, Frank Huess / **Svigt af inertgas purge medførte eksplosion i beholder.**
Publication: Communication › Journal article – Annual report year: 2017

Hedlund, Frank Huess; Selig, Robert Simon / **Tank für Überschusshefe versagt – mit katastrophalen Folgen.**
Publication: Research - peer-review › Journal article – Annual report year: 2017

Kulahci, Murat; Menon, Anil / **Trellis plots as visual aids for analyzing split plot experiments.**
Publication: Research - peer-review › Journal article – Annual report year: 2017

Rosenbaum, Ralph K. (Editor); Georgiadis, Stylianos; Fantke, Peter / **Uncertainty Management and Sensitivity Analysis.**
Publication: Research - peer-review › Book chapter – Annual report year: 2017

Emerson, Monica Jane; Wang, Ying ; Jespersen, Kristine Munk ; Mikkelsen, Lars Pilgaard; Withers, Philip J.; Conradsen, Knut; Dahl, Vedrana Andersen; Dahl, Anders Bjorholm / **Unidirectional Fibre Composite Characterisation from X-ray Tomography.**
Publication: Research › Poster – Annual report year: 2017

Baum, Andreas; Vermue, Laurent; Moiseyenko, Rayisa; Jørgensen, Thomas Martini; Devantier, R. / **Unraveling fermentation data – a Novozymes case study.**
2017. Abstract from Recent Advances in Fermentation Technology (RAFT 2017), Florida, United States.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017
Hedlund, Frank Huess / Er sprængpladen vendt korrekt?
Publication: Research › Journal article – Annual report year: 2016

Foddai, Alessandro; Stockmarr, Anders; Boklund, Anette / Evaluation of temporal surveillance system sensitivity and freedom from bovine viral diarrhea in Danish dairy herds using scenario tree modelling.
In: B M C Veterinary Research, Vol. 12, No. 1, 118, 2016.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Jensen, Vibeke Frekjær; Sommer, Helle Møgaard; Struve, T.; Clausen, J.; Chriél, Mariann / Factors associated with usage of antimicrobials in commercial mink (Neovison vison) production in Denmark.
In: Preventive Veterinary Medicine, Vol. 126, 2016, p. 170-182.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Hedlund, Frank Huess; Jarleivson Hilduberg, Óssur / 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

Woltmann, Sabrina; Clemmensen, Line Katrine Harder; Alkærsg, Lars / From university research to innovation Detecting knowledge transfer via text mining.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Lassen, Anne Dahl; Lehmann, Charlotte; Andersen, Elisabeth Wreford; Werther, Michelle Nadia; Thorsen, Anne Vibeke; Trolle, Ellen; Gross, Gitte; Tetens, Inge / 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

Ingvordsen, Cathrine Heinz; Gislam, René; Jørgensen, Johannes Ravn; Mikkelsen, Teis Nargaard; Stockmarr, Anders; Bagger Jørgensen, Rikke / 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

Miklos, Rikke; Nielsen, Mikkel Schou; Einarsdottir, Hildur; Lametsch, René / Grating-based X-ray tomography of 3D food structures.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Hedlund, Frank Huess; Eisfeld Linde, Bent / Har tanken et svagt tag?
Publication: Research › Journal article – Annual report year: 2016

Serup, Hjalte Jomo Danielsen; Georgiadias, Stylianos; Gregersen, Ida Bülow; Arnbjerg-Nielsen, Karsten / High-resolution rainfall time series for future climate.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Hansen, Peter Wæde; Clemmensen, Line Katrine Harder; Sehested, Thomas S.G.; Fosbøl, Emil Loldrup; Torp-Pedersen, Christian; Keber, Lars; Gislason, Gunnar H.; Andersson, Charlotte / 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

Einarsdottir, Hildur; Ersbøll, Bjarne Kjær (Supervisor); Larsen, Rasmus (Supervisor) / Image Analysis for X-ray Imaging of Food.
Publication: Research › Ph.D. thesis – Annual report year: 2016

Hedlund, Frank Huess / Kronik: Virksomheder med elitesmiley flyver under radaren.
In: Ingenioeren, No. 27.05.2016, 2016, p. 6.
Publication: Research › Journal article – Annual report year: 2016

Hedlund, Frank Huess; Selig, Robert Simon; Kragh, Eva K. / Large Steel Tank Fails and Rockets to Height of 30 meters - Rupture Disc Installed Incorrectly.
Publication: Research - peer-review › Journal article – Annual report year: 2015

Dahl, Vedrana Andersen; Andersson, Christel ; Trinderup, Camilla Himmelstrup; Gundlach, Carsten / Layered Surface Detection in Micro-CT Tetra Pak Data.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Thyregod, Camilla; Ersbøll, Bjarne Kjær / Lederundersøgelser - Lønberegning.
2016. 8 p.
Publication: Research › Report – Annual report year: 2016

Gronskyte, Ruta; Kulahci, Murat (Main supervisor); Clemmensen, Line Katrine Harder (Supervisor) / Monitoring Animal Well-being.
Publication: Research › Ph.D. thesis – Annual report year: 2016

Gronskyte, Ruta; Clemmensen, Line Katrine Harder; Hvid, Marchen Sonja; Kulahci, Murat / Monitoring pig movement at the slaughterhouse using optical flow and modified angular histograms.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Spliid, Henrik / Multivariate ARIMA and ARIMA-X Analysis : Package 'marima'.
2016. 21 p.
Publication: Research › Book – Annual report year: 2016

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

Schmidt, Jacob Günther; Andersen, Elisabeth Wreford; Ersbøll, Bjarne Kjær; Nielsen, M. E. / Muscle wound healing in rainbow trout (Oncorhynchus mykiss).
In: Fish and Shellfish Immunology, Vol. 48, 2016, p. 273-84.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Publication: Research - peer-review › Journal article – Annual report year: 2015
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Kulahci, Murat; Tyssedal, John / Split-plot designs for multistage experimentation.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Hedlund, Frank Huess / Surplus yeast tank failing catastrophically.
Publication: Research › Journal article – Annual report year: 2016

Sørup, Hjalte Jomo Danielsen; Brudler, Sarah; Lerer, Sara Maria; Miraglia, Simona; Georgiadis, Stylianos; Dong, Yan; Ambjerg-Nielsen, Karsten / Sustainable flood risk management – What is sustainable?
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Lange, Peter; Godtfredsen, Nina Skavlau; Olejnicka, Beata; Paradis, Bo-Anders; Curiac, Dan; Humerfelt, Sjur; Telg, Gunilla; Christensen, Helene Nordahl; Bitsch, Magnus Alexander; Andersen, Elisabeth Wreford; Bjørner, Leif / 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

Hedlund, Frank Huess / Syrebrist och ambulansfärd av tårta.
Publication: Research › Journal article – Annual report year: 2016

Aaslyng, Margit D.; De Lichtenberg Broge, Eva Honnens; Brockhoff, Per B.; Christensen, Rune Haubo Bojesen / The effect of skatole and androstenone on consumer response towards fresh pork from m. longissimus thoracis et lumborum and m. semimembranosus.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Ingvorsen, Cathrine Heinz; Gisulum, Rene; Jørgensen, Johannes Ravn; Mikkelsen, Teis Nørgaard; Stockmarr, Anders; Bagger Jørgensen, Rikke / The fundament of food, crop protein production, is threatened by climate change.
Publication: Research - peer-review › Internet publication – Annual report year: 2016

Trinderup, Camilla Himmelstrup; Dahl, Vedrana Andersen; Gregersen, Kristian Murphy; Orlando, Ludovic Antoine Alexandre; Dahl, Anders Bjorholm / 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

Sommer, Helle Mølgaard; Nauta, Maarten; Rosenquist, Hanne / 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

Stolzenbach, Sandra; Bredie, Wender L P; Christensen, Rune Haubo Bojesen; Byrne, Derek V. / Understanding Liking in Relation to Sensory Characteristics, Consumer Concept Associations, Arousal Potential and "Appropriateness for Use" Using Apple Juice as an Application : Understanding Liking.

Borck Høg, Birgitte; Sommer, Helle Mølgaard; Williams, N.; Merga, Y.; Cerda Cuellar, M.; Dolz, R.; Wieczorek, K; Osek, J; David, B.; Hofshagen, M.; Wagenaar, J.; : Bolder, N. M.; Rosenquist, Hanne / Farm specific risk factors for Campylobacter colonization of broilers in six European countries. 2015. Poster session presented at 18th International Workshop on Campylobacter, Helicobacter and Related Organisms, Rotorua, New Zealand. Publication: Research - peer-review › Poster – Annual report year: 2015


Thompson, Mary Kathryn; Clemmensen, Line Katrine Harder / Generalized requirements and decompositions for the design of test parts for micro additive manufacturing research. In: Procedia C I R P, Vol. 34, 2015, p. 229-235. Publication: Research - peer-review › Journal article – Annual report year: 2015

Stockmarr, Anders (Author) / IC3 and IC4 Trains Under Risk of Blocking their Wheels. 2015. Big Data, Data Warehousing, and Data Analytics, Lyngby, Denmark, 26/08/2015. Publication: Research › Sound/Visual production (digital) – Annual report year: 2015


Plósz, Benedek G.; Guyonvarch, Estelle ; Ramin, Elham; Kulahci, Murat / ICFD modeling of final settlers - developing consistent and effective simulation model structures. 2015. Abstract from 9th IWA Symposium on Systems Analysis and Integrated Assessment (Watermatex 2015), Gold Coast, Queensland, Australia. Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015


2015. 37th Symposium i Anvendt Statistik 2015, Kongens Lyngby, Denmark, 26/01/2015.
Publication: Research › Sound/Visual production (digital) – Annual report year: 2015

Stockmarr, Anders; Matthiessen, Jeppe; Groth, Margit Velsing; Fagt, Sisse; Biltoft-Jensen, Anja Pia; Andersen, Jens Strodi; Zhang, H.; Trolle, Ellen; Knudsen, Vibeke Kildegaard / Social ulighed i fedme og fedme-epidemien for børn; et review.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Thorson, James T.; Scheuerrell, Mark D.; Shelton, Andrew O.; See, Kevin E.; Skaug, Hans J.; Kristensen, Kasper / Spatial factor analysis: a new tool for estimating joint species distributions and correlations in species range.
Publication: Research - peer-review › Journal article – Annual report year: 2015

Khan, Abdul Rauf; Schiøler, Henrik; Knudsen, Torben Steen; Kulahci, Murat / Statistical Data Mining for Efficient Quality Control in Manufacturing.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Clemmensen, Line Katrine Harder; Harder, D. E. / Student employment and study effort for engineering students.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Dahl, Vedrana Andersen (Author) / Surface Detection and Segmentation.
2015. MEK/Compute seminar, Kgs. Lyngby, Denmark, 03/10/2014.
Publication: Research › Sound/Visual production (digital) – Annual report year: 2015

Brockhoff, Per Bruun; Schlich, Pascal; Skovgaard, Ib / Taking individual scaling differences into account by analyzing profile data with the Mixed Assessor Model.
Publication: Research - peer-review › Journal article – Annual report year: 2015

Vanhatalo, Erik; Kulahci, Murat / The Effect of Autocorrelation on the Hotelling T-2 Control Chart.
Publication: Research - peer-review › Journal article – Annual report year: 2015

Aaslyng, Margit Dall; De Lichtenberg Broge, Eva Honnens; Brockhoff, Per B.; Christensen, Rune Haubo Bojesen / The effect of skatole and androstenone on consumer response towards streaky bacon and pork belly roll.
Publication: Research - peer-review › Journal article – Annual report year: 2015

Jørgensen, Thomas Martini / The likelihood principle and its proof – a never-ending story....
Symposium i anvendt statistik 2015.. Danmarks Statistik, 2015.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Dahl, Vedrana Andersen (Author) / Two segmentation methods.
2015. Image reconstruction and analysis workshop, Copenhagen, Denmark, 28/01/2014.
Publication: Research › Sound/Visual production (digital) – Annual report year: 2014

Dal Corso, Alessandro; Olsen, Mikkel Damgaard; Steenstrup, Kasper Hornbak; Wilm, Jakob; Jensen, Sebastian Hoppe Nesgaard; Paulsen, Rasmus Reinhold; Eiriksson, Eyþór RÚnars; Nielsen, Jannik Boll; Frisvad, Jeppe Revall; Einarsson, Gudmundur; Kjer, Hans Martin / VirtualTable: a projection augmented reality game.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
Rootzén, Helle / Vi skal sørge for at kvinder også passer ind. 
Publication: Communication › Journal article – Annual report year: 2015

Andersen, Rikke; Madsen, Katja Howarth; Mejborn, Heddie; Andersen, Elisabeth Wreford; Melgaard, Christian; Grenborg, Ida Marie; Rasmussen, Lone Banke; Tetens, Inge / Vitamin D intake-status relationship among Danes aged 4-60 years during winter. 
In: Annals of Nutrition and Metabolism, Vol. 67, No. Suppl. 1, 2015, p. 120-121. 
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Andersen, Rikke; Biltoft-Jensen, Anja Pia; Christensen, Tue; Andersen, Elisabeth Wreford; Ege, Majken; Thorsen, Anne Vibeke; Knudsen, Vibeke Kildegaard; Damsgaard, Camilla T; Sørensen, Louise B; Petersen, Rikke A; Michaelsen, Kim F; Tetens, Inge / What do Danish children eat, and does the diet meet the recommendations? : Baseline data from the OPUS School Meal Study. 
Publication: Research - peer-review › Journal article – Annual report year: 2015

Andersen, Barbara Vad; Brockhoff, Per B.; Hyldig, Grethe / Which sensory perception is primarily considered, in consumers' hedonic evaluation of foods? 2015. 
Publication: Research › Conference abstract for conference – Annual report year: 2015

Guillot, Gilles; Wasser, Samuel ; Stephens, Matthew / Les éléphants en danger. 
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Einarsdottir, Hildur; Nielsen, Mikkel Schou; Miklos, Rikke; Lametsch, Rene; Feidenhans'l, Robert; Larsen, Rasmus; Erbsbøll, Bjarne Kjær / Analysis of micro-structure in raw and heat treated meat emulsions from multimodal X-ray microtomography. 
Publication: Research - peer-review › Journal article – Annual report year: 2014

Ennis, John M.; Christensen, Rune Haubo Bojesen / A Thurstonian comparison of the Tetrad and Degree of Difference tests. 
Publication: Research - peer-review › Journal article – Annual report year: 2014

Koch, Henriette; Christensen, Julie Anja Engelhard; Frandsen, Rune; Zoetmulder, Marielle; Arvastson, Lars Johan; Christensen, Søren Ro; Jennum, Poul; Sørensen, Helge Bjurup Dissing / Automatic sleep classification using a data-driven topic model reveals latent sleep states. 
Publication: Research - peer-review › Journal article – Annual report year: 2014
Publication: Research - peer-review › Review – Annual report year: 2015

Groth, Margit Velsing; Sørensen, Mette Rosenlund; Matthiessen, Jeppe; Fagt, Sisse; Landvad, Niels; Knudsen, Vibeke Kildegaard / Disparities in dietary habits and physical activity in Denmark and trends from 1995 to 2008.  
Publication: Research - peer-review › Journal article – Annual report year: 2014

Stockmarr, Anders; Ersbøll, Bjarne Kjær; Kotwa, Ewelina Katarzyna; Thyregod, Camilla; Thommesen, Jacob; Duijm, Nijs Jan; Andersen, Henning Boje; Jensen, Niels Steenfeldt; Kilt, Peder; Wingstrand, Sara; Hassager, Ole / DTU's undersøgelse af lav adhæsion / glatte skinner for Transportministeriet og DSB. Danmarks Tekniske Universitet (DTU), 2014. 568 p.  
Publication: Commissioned › Report – Annual report year: 2014

Li, Jing; Kulahci, Murat / Editorial - a Special Issue on Data Mining.  
Publication: Research › Editorial – Annual report year: 2014

Lassen, Anne Dahl; Beck, Anne Marie; Leedo, Eva; Andersen, Elisabeth Wreford; Christensen, Tue; Mejborn, Heddie; Thorsen, Anne Vibeke; Tetens, Inge / Effectiveness of offering healthy labelled meals in improving the nutritional quality of lunch meals eaten in a worksite canteen.  
Publication: Research - peer-review › Journal article – Annual report year: 2014

Herrmann, Ivan Tengbjerg; Lundberg-Jensen, Martin; Jørgensen, Andreas; Stidsen, Thomas Riis; Spliid, Henrik; Hauschild, Michael Zwicky / Enabling optimization in LCA: from "ad hoc" to "structural" LCA approach—based on a biodiesel well-to-wheel case study.  
Publication: Research - peer-review › Journal article – Annual report year: 2013

Kristensen, Kasper; Thygesen, Uffe Høgsbro; Andersen, Ken Haste; Beyer, Jan E. / Estimating spatio-temporal dynamics of size-structured populations.  
Publication: Research - peer-review › Journal article – Annual report year: 2013

Berg, Casper Willestofte; Nielsen, Anders; Kristensen, Kasper / Evaluation of alternative age-based methods for estimating relative abundance from survey data in relation to assessment models.  
Publication: Research - peer-review › Journal article – Annual report year: 2013

Amris, Kirstine; Wæhrens, Eva Ejlersen; Stockmarr, Anders; Bliddal, Henning; Danneskiold-Samsøe, Bente / Factors influencing observed and self-reported functional ability in women with chronic widespread pain: A cross-sectional study.  
Publication: Research - peer-review › Journal article – Annual report year: 2014

Jonach, Beata Renata; Boye, Mette; Stockmarr, Anders; Jensen, Tim Kåre / Fluorescence in situ hybridization investigation of potentially pathogenic bacteria involved in neonatal porcine diarrhea.  
Publication: Research - peer-review › Journal article – Annual report year: 2014

Riis, Mark Bernhard; Rootzén, Helle; Odgaard, Mads H / Forskning og uddannelse er en forudsætning for gevinst af Big Data.  
Publication: Communication › Journal article – Annual report year: 2015
Publication: Communication › Journal article – Annual report year: 2014

Publication: Research › Report – Annual report year: 2014

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

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

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

Nissen, Ioanna; Vogel, Ulla Birgitte; Ravn-Haren, Gitte; Andersen, Elisabeth Wreford; Nexø, Bjørn A.; Andersen, Rikke; Mejborn, Heddie; Madsen, Katja Howarth; Rasmussen, Lone Banke / 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. In: Genes & Nutrition, Vol. 9, No. 4, 413, 2014.
Publication: Research - peer-review › Journal article – Annual report year: 2014

Einarsdottir, Hildur; Ersbøll, Bjarne Kjær; Larsen, Rasmus / Segmentation of Connective Tissue in Meat from Microtomography Using a Grating Interferometer. 2014. Abstract from 2nd International Workshop on X-ray and Neutron Phase Imaging with Gratings (XNPIG 2014), Garmisch-Partenkirchen, Germany.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Publication: Research › Poster – Annual report year: 2014

Publication: Research › Report – Annual report year: 2014

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

Publication: Research - peer-review › Conference article – Annual report year: 2014
Thomsen, Sune Tjalfe; Spliid, Henrik; Østergård, Hanne / **Statistical prediction of biomethane potentials based on the composition of lignocellulosic biomass.**
Publication: Research - peer-review › Journal article – Annual report year: 2014

Einarsdottir, Hildur; Ersbøll, Bjarne Kjær; Larsen, Rasmus / **Status for NEXIM New X-ray Imaging Modalities for safe and high quality food.**
Farm Animal Imaging, ed. / C. Maltin; C. Craigie; L. Bünger, 2014, p. 121-124.
Publication: Research - peer-review › Report chapter – Annual report year: 2014

Foddai, Alessandro; Enøe, Claes; Krogh, Kasper; Stockmarr, Anders; Hisham Beshara Halasa, Tariq / **Stochastic simulation modeling to determine time to detect Bovine Viral Diarrhea antibodies in bulk tank milk.**
In: Preventive Veterinary Medicine, Vol. 117, No. 1, 2014, p. 149-159.
Publication: Research - peer-review › Journal article – Annual report year: 2014

Sliusarenko, Tamara; Gronskyte, Ruta; Clemmensen, Line Katrine Harder; Kulahci, Murat; Ersbøll, Bjarne Kjær / **Study Delay.**
Publication: Research › Report – Annual report year: 2014

Choi, Yoon-Jung; Kim, Jin-Young; Christensen, Rune Haubo Bojesen; van-Hout, Danielle; Lee, Hye-Seong / **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

Sharifzadeh, Sara; Clemmensen, Line Katrine Harder; Borggaard, Claus; Steier, Susanne; Ersbøll, Bjarne Kjær / **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

Dahl, Vedrana Andersen; Dahl, Anders Bjorholm; Larsen, Rasmus / **Surface Detection using Round Cut.**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Thorson, James T.; Skaug, Hans J.; Kristensen, Kasper; Shelton, Andrew Olaf; Ward, Eric J.; Harmes, John H.; Benante, James A. / **The importance of spatial models for estimating the strength of density dependence.**
Publication: Research - peer-review › Journal article – Annual report year: 2014

Peltier, C.; Brockhoff, Per B.; Visalli, M.; Schlich, P. / **The MAM-CAP table: A new tool for monitoring panel performances.**
Publication: Research - peer-review › Journal article – Annual report year: 2014

Amris, Kirstine; Wahrens, Eva Ejlersen; Jespersen, Anders; Stockmarr, Anders; Bennett, Robert; Bliddal, Henning; Danneskiold-Samsoe, Bente / **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

Hansen, Merete Kjær; Kulahci, Murat / **The type I error rate for in vivo Comet assay data when the hierarchical structure is disregarded.**
Publication: Research › Report – Annual report year: 2014
Matthiessen, Jeppe; Stockmarr, Anders; Biltoft-Jensen, Anja Pia; Fagt, Sisse; Zhang, Hao; Groth, Margit Velsing / 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

Matthiessen, Jeppe; Andersen, Elisabeth Wreford; Raustorp, Anders; Sørensen, Mette Rosenlund / Trends in pedometer-measured steps per day in Danish adults: 2007 to 2012.
Publication: Research - peer-review › Poster – Annual report year: 2014

Janstrup, Kira Hyldekær; Hels, Tove; Kaplan, Sigal; Sommer, Helle Mølgaard; Lauritsen, Jens / 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

Madsen, Katja Howarth; Rasmussen, Lone Banke; Mejborn, Heddie; Andersen, Elisabeth Wreford; Mølgaard, Christian; Nissen, Ioanna; Tetens, Inge; Andersen, Rikke / 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

Sommer, Helle Mølgaard; Heuer, Ole Eske; Sørensen, Anna Irene Vedel; Madsen, Mogens / Analysis of factors important for the occurrence of Campylobacter in Danish broiler flocks.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Christensen, Rune Haubo Bojesen; Brockhoff, Per B. / Analysis of sensory rating data with cumulative link models.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Vega, Mabel V Martínez; Sharifzadeh, Sara; Wulfsohn, Dvoralai; Skov, Thomas; Clemmensen, Line Katrine Harder; Toldam-Andersen, Torben B. / A sampling approach for predicting the eating quality of apples using visible–near infrared spectroscopy.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Kotwa, Ewelina Katarzyna; Jørgensen, Bo Munk; Brockhoff, Per B.; Frosch, Stina / Automatic scatter detection in fluorescence landscapes by means of spherical principal component analysis.
Publication: Research - peer-review › Journal article – Annual report year: 2013
Miklos, Rikke; Lametsch, René; Nielsen, Mikkel Schou; Lauridsen, Torsten; Einarsdottir, Hildur / Effect of fat type and heat treatment on the microstructure of meat emulsions. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Svendsen, Jon Christian; Banet, Amanda I.; Christensen, Rune Haubo Bojesen; Steffensen, John F.; Aarestrup, Kim / 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

Clemmensen, Line Katrine Harder; Slusarenko, Tamara; Ersbøll, Bjarne Kjaer; Christiansen, Birgitte Lund / 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 › Article in proceedings – Annual report year: 2014

Nielsen, Bo Friis; Frølich, Laura; Nielsen, Otto Anker; Filges, Dorte / Estimating passenger numbers in trains using existing weighing capabilities.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Boeckstyns, Michel E. H.; Herzberg, G.; Merser, Seren / 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

Sander, B.; Larsen, M.; Andersen, Elisabeth Wreford; Lund-Andersen, H. / 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

Stolzenbach, Sandra; Bredie, Wender Laurentius Petrus; Christensen, Rune Haubo Bojesen; Byrne, Derek Victor / Impact of product information and repeated exposure on consumer liking, sensory perception and concept associations of local apple juice.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Bavay, Cécile; Symoneaux, Ronan; Maître, Isabelle; Kuznetsova, Alexandra; Brockhoff, Per B.; Mehinagic, Emira / Importance of fruit variability in the assessment of apple quality by sensory evaluation.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Thyregod, Camilla; Andersen, Elisabeth Wreford; Kulahci, Murat; Ersbøll, Bjarne Kjær / Improvement of the ΔσH Model.
Publication: Research › Report – Annual report year: 2013

Nielsen, J. Rasmus; Lundgren, Bo; Kristensen, Kasper; Bastardie, Francois / Localisation of nursery areas based on comparative analyses of the horizontal and vertical distribution patterns of juvenile Baltic cod (Gadus morhua).
Publication: Research - peer-review › Journal article – Annual report year: 2013

Ribeiro Duarte, Ana Sofia; Stockmarr, Anders; Nauta, Maarten / Making sense of zeros: impact on human health risk estimates.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013
Nielsen, Bo Friis / Matrix Analytic Methods in Applied Probability with a View towards Engineering Applications. 
Kgs. Lyngby : Technical University of Denmark (DTU), 2013.
Publication: Research › Doctoral thesis – Annual report year: 2013

Biondi, Fabrizio; Legay, Axel; Nielsen, Bo Friis; Wąsowski, Andrzej / Maximizing Entropy over Markov Processes. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Gronskyte, Ruta; Kulahci, Murat; Clemmensen, Line Katrine Harder / Monitoring Motion of Pigs in Thermal Videos. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Ljungqvist, Martin Georg; Frosch, Stina; Nielsen, Michael Engelbrecht; Erbsball, Bjarne Kjær / Multispectral Image Analysis for Robust Prediction of Astaxanthin Coating. 
Publication: Research - peer-review › Journal article – Annual report year: 2013

Kulahci, Murat / Multivariate Statistical Process Control. 
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Clemmensen, Line Katrine Harder / On discriminant analysis techniques and correlation structures in high dimensions. 
Publication: Research › Report – Annual report year: 2013

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

Nielsen, Anne Ahlmann; Jensen, Trine Hammer; Stockmarr, Anders; Jørgensen, Poul Henrik / Persistence of low-pathogenic H5N7 and H7N1 avian influenza subtypes in filtered natural waters. 
In: Veterinary Microbiology, Vol. 166, No. 3-4, 2013, p. 419-428.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Stockmarr, Anders (Author) / PMWS development in pigs from affected farms in Spain and Denmark. 
2013. , Århus, Denmark, 28/01/2013.
Publication: Research - peer-review › 2D/3D (physical products) – Annual report year: 2013

Stockmarr, Anders (Author) / PMWS development in pigs from affected farms in Spain and Denmark. 
2013. BIT's 5th Annual World Congress of Vaccine, Hangzhou, China, 18/03/2013.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

BIT’s 5th World Congress of Vaccine. 2013.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Mortier, Frédéric; Rossi, Vivien; Guillot, Gilles; Gourlet-Fleury, Sylvie; Picard, Nicolas / Population dynamics of species-rich ecosystems: the mixture of matrix population models approach. 
Laursen, Lasse Farnung; Bærentzen, J. Andreas; Igarashi, T.; Petersen, Michael Kai; Clemmensen, Line Katrine Harder; Erssell, Bjarne Kjær; Christensen, Lars B. / PorkCAD: Case study of the design of a pork product prototyper. Proceedings of IASDR 2013. 2013. p. 1134-1.

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


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


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

Madsen, Katja Howarth; Rasmussen, Lone Banke; Andersen, Rikke; Mølgaard, Christian; Jakobsen, Jette; Bjerrum, Poul J.; Andersen, Elisabeth Wreford; Mejbom, Heddie; Tetens, Inge / 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.1-3. In: American Journal of Clinical Nutrition, Vol. 98, No. 2, 2013, p. 374-381.

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

Kirkeby, Carsten; Bødker, Rene; Stockmarr, Anders; Lind, Peter / Spatial abundance and clustering of Culicoides (Diptera: Ceratopogonidae) on a local scale. In: Parasites & Vectors, Vol. 6, No. 43, 2013.

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


Publication: Research › Ph.D. thesis – Annual report year: 2013

Kirkeby, Carsten; Bødker, Rene; Stockmarr, Anders; Lind, Peter / Spatio-temporal abundance of Culicoides on a local scale. 2013. Abstract from EDENext Annual Meeting, Barcelona, Spain.

Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Kirkeby, Carsten; Stockmarr, Anders; Bødker, Rene; Lind, Peter / Spatio-temporal optimization of sampling for bluetongue vectors (Culicoides) near grazing livestock. In: Parasites & Vectors, Vol. 6, No. 1, 151, 2013.

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

Thompson, Mary Kathryn; Clemmensen, Line Katrine Harder; Rosas, Harvey / Statistical Outlier Detection for Jury Based Grading Systems. 120th ASEE Annual Conference and Exhibition. American Society for Engineering Education, 2013.

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Biltoft-Jensen, Anja Pia; Tetens, Inge (Supervisor); Trolle, Ellen (Supervisor); Frost Andersen, Lene (Supervisor); Brockhoff, Per B. (Supervisor) / **Web-based Dietary Assessment for 8-11 Year Old School-children.**
Publication: Research › Ph.D. thesis – Annual report year: 2013

Rosenquist, Hanne; Sommer, Helle Mølgaard; Bodil Hald, Anna; Lassen, Jesper; Korzen, Sara Marie; Lund, Mogens; Lawson, Larney Godwin; Jensen, Jørgen Dejgård; Christensen, T.; Mørkbak, Morten Raun; Sandee, Peter / **Optimal interventions to control campylobacter in broilers in Denmark.**
Publication: Research › peer-review › Poster – Annual report year: 2011

Nielsen, Anne Ahlmann; Skovgård, Henrik; Stockmarr, Anders; Handberg, Kurt; Jørgensen, Poul Henrik / **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

Sølund, Sune ; Rootzén, Helle / **Statistikeren skiftede spor som 49-årig.**
Publication: Communication › Newspaper article – Annual report year: 2010

Kulahci, Murat; Bisgaard, S. / **A Generalization of the Alias Matrix.**
Publication: Research - peer-review › Journal article – Annual report year: 2006

Kulahci, Murat; Ramirez, Jose; Tobias, Randy / **Split-plot fractional designs: Is minimum aberration enough?**
Publication: Research - peer-review › Journal article – Annual report year: 2006

Ludvigsen, Liselotte; Albrechtsen, Hans-Jørgen; Rootzén, Helle; Christensen, Thomas Hajlund / **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