Laccase activity measurement by FTIR spectral fingerprinting. / Perna, Valentina; Baum, Andreas; Ernst, Heidi A.; Agger, Jane W.; Meyer, Anne S.
Research output: Research - peer-review › Journal article – Annual report year: 2019

Puncture of an import gasoline pipeline – spray effects may evaporate more fuel than a Buncefield-type tank overfill event. / Hedlund, Frank Huess; Pedersen, Jan Boier; Sin, Gürkan; Garde, Frits G.; Kragh, Eva K.; Frutiger, Jérôme.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Staff optimization for time-dependent acute patient flow. / Andersen, Anders Reenberg; Nielsen, Bo Friis; Reinhardt, Line Blander; Stidsen, Thomas Riis.
Research output: Research - peer-review › Journal article – Annual report year: 2019

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. / Kadarmideen, Haja; Mazzoni, Gianluca.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Monitoring batch processes with dynamic time warping and k-nearest neighbours. / Spooner, Max; Kulahci, Murat.
Research output: Research - peer-review › Journal article – Annual report year: 2018

New insights into the spatial genetic structure of the Indian riverine buffalo populations. / Vijh, Ramesh Kumar; Sharma, Upasna; Banerjee, Priyanka; Joshi, Jyoti; Settypalli, Tirumala Bharani Kumar; Gokhale, S. B.; Gaur, Uma; Yadav, Dinesh Kumar; Ahlawat, Sonika; Arora, Reena.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Hvidvaskning med rejsekort. / Hedlund, Frank Huess.
Research output: Communication › Contribution to newspaper - Comment/debate – Annual report year: 2018

Breakfast in Denmark. Prevalence of Consumption, Intake of Foods, Nutrients and Dietary Quality. A Study from the International Breakfast Research Initiative. / Fagt, Sisse; Matthiessen, Jeppe; Thyregod, Camilla; Kerup, Karsten; Biltoft-Jensen, Anja Pia.
Research output: Research - peer-review › Journal article – Annual report year: 2018

How a 10-day heatwave impacts barley grain yield when superimposed onto future levels of temperature and CO₂ as single and combined factors. / Heinz Ingvordsen, Cathrine; Lyngkjær, Michael F.; Peltonen-Sainio, Pirjo; Nørgaard Mikkelsen, Teis; Stockmarr, Anders; Bagger Jørgensen, Rikke.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Transcription factor co-expression networks of adipose RNA-Seq data reveal regulatory mechanisms of obesity. / Skinkyte-Juskiene, Ruta; Kogelman, Lisette J.A.; Kadarmideen, Haja N.
In: Current Genomics, Vol. 19, No. 4, 01.05.2018, p. 289-299.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Approximation of ruin probabilities via Erlangized scale mixtures. / Peralta, Oscar; Rojas-Nandyapa, Leonardo; Xie, Wangyue; Yao, Hui.
Research output: Research - peer-review › Journal article – Annual report year: 2018
Rare-events classification - An approach based on genetic algorithm and voronoi tessellation. / Khan, Abdul Rauf; Schieler, Henrik; Zaki, Mohamed; Kulahci, Murat.  
Trends and Applications in Knowledge Discovery and Data Mining - PAKDD 2018 Workshops, BDASC, BDM, ML4Cyber, PAISI, DaMEMO, Revised Selected Papers. Springer, 2018. p. 256-266.
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. / Andersen, Peter Bach; Sousa, Tiago; Thingvad, Andreas; Berthou, Lea Sass; Kulahci, Murat.  
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Advances of matrix–analytic methods in risk modelling. / Peralta Gutierrez, Oscar.  
Research output: Research › Ph.D. thesis – Annual report year: 2018

A Methodology for Development of a Pedagogical Simulation Tool used in Fermentation Applications. / Caño de Las Heras, Simoneta; Mansouri, Seyed Soheil; Cignitti, Stefano; Uellendahl, Hinrich; Weitze, Charlotte Lærke; Gernaey, Krist V.; Rootzén, Helle; Krühne, Ulrich.  
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

A multimodal data-set of a unidirectional glass fibre reinforced polymer composite. / Emerson, Monica Jane; Dahl, Vedrana Andersen; Conradsen, Knut; Mikkelsen, Lars Pilgaard; Dahl, Anders Bjorholm.  
In: Data in Brief, Vol. 18, 2018, p. 1388-1393.  
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. / Caballero, Daniel; Antequera, Teresa; Caro, Andrés; Amigo, José Manuel; Ersbøll, Bjørne Kjær; Dahl, Anders Bjorholm; Pérez-Palacios, Trinidad.  
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. / Linander, Christine Borgen.  
Research output: Research › Ph.D. thesis – Annual report year: 2018

Application of data clustering to railway delay pattern recognition. / Cerreto, Fabrizio; Nielsen, Bo Friis; Nielsen, Otto Anker; Harrod, Steven.  
Research output: Research - peer-review › Journal article – Annual report year: 2018

A Rollercoaster to Model Touch Interactions during Turbulence. / Alapetite, Alexandre; Møllenbach, Emilie; Stockmarr, Anders; Minakata, Katsumi.  
Research output: Research - peer-review › Journal article – Annual report year: 2018

Assessing spatial correlations of sea surges around Copenhagen. / Georgiadis, Stylianos; Sørup, Hjalte Jomo Danielsen; Nielsen, Bo Friis; Arnbjerg-Nielsen, Karsten.  
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018
Research output: Research › Report – Annual report year: 2018

Benefits of spatio-temporal modelling for short term wind power forecasting at both individual and aggregated levels. / Lenzi, Amanda; Pinson, Pierre; Steinsland, Ingein .
In: Environmetrics, 2018.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Biadditive Mixed Models - Advancing Computational Methods and Applications. / Jensen, Sofie Pødenphant.
Research output: Research › Ph.D. thesis – Annual report year: 2018

Big data analytics using semi-supervised learning methods. / Frumosu, Flavia Dalia; Kulahci, Murat.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Building school-based social capital through 'We Act - Together for Health' - a quasi-experimental study. / Stjernqvist, Nanna Wurr; Sabinsky, Marianne; Morgan, Antony; Trolle, Ellen; Thyregod, Camilla; Maindal, Helle T; Bonde, Ane H; Tetens, Inge.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Carbon dioxide – a potentially explosive smoldering silo fire suppressant. / Hedlund, Frank Huess.
Research output: Research › Journal article – Annual report year: 2018

Carbon dioxide not suitable for extinguishment of smouldering silo fires: static electricity may cause silo explosion. / Hedlund, Frank Huess.
Research output: Research › Journal article – Annual report year: 2018

Comparison of different image analysis algorithms on MRI to predict physico-chemical and sensory attributes of loin. / Caballero, Daniel; Caro, Andrés; Dahl, Anders Bjorholm; Ersbøll, Bjarne Kjaer; Amigo, José Manuel; Pérez-Palacios, Trinidad; Antequera, Teresa.
Research output: Research › Journal article – Annual report year: 2018

Computer Aided Identification of Motion Disturbances Related to Parkinson's Disease. / Einarsson, Gudmundur; Clemmensen, Line Katrine Harder; Rudá, Ditte; Fink-Jensen, Anders; Nielsen, Jannik; Pagsberg, Anne; Winge, Kristian; Paulsen, Rasmus Reinhold.
Research output: Research › Article in proceedings – Annual report year: 2018

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

Dangers of releasing CO₂ to fight fires in the cargo hold of seagoing bulk carriers. / Hedlund, Frank Huess; Jarleivson Hilduberg, Øssur .
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Dangers of using CO₂ to quench wood pellet silo fires. / Hedlund, Frank Huess; Nichols, Jeffrey.
2018, Electronic resource.
Data driven quantification of the temporal scope of building LCAs. / Østergaard, Natasha; Thorsted, Laura; Miraglia, Simona; Birkved, Morten; Rasmussen, Freja Nygaard; Birgisdottir, Harpa; Kalbar, Pradip; Georgiadis, Stylianos. In: Procedia C I R P, Vol. 69, 2018, p. 224-229.


Distribution Fitting for Very Large Railway Delay Data Sets with Discrete Values. / Harrod, Steven; Pournaras, Georgios; Nielsen, Bo Friis. 2018. Paper presented at Trafikdage 2018, Aalborg, Denmark.

Do Not Release Carbon Dioxide If Flammable Vapors Are Present – Static Electricity May Lead To Explosion. / Hedlund, Frank Huess. 2018, Electronic resource.


Effects of Lifestyle on Muscle Strength in a Healthy Danish Population. / Bartels, Else Marie; Robertson, Samuel; Danneshkold-Samsæe, Bente; Appleyard, Merete; Stockmarr, Anders. In: Journal of Lifestyle Medicine, Vol. 8, No. 1, 2018.


Gene co-expression networks from RNA sequencing of dairy cattle identifies genes and pathways affecting feed efficiency. / Salleh, S. M.; Mazzoni, Gianluca; Lavendahl, P.; Kadarmideen, Haja.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Harvest time prediction for batch processes. / Spooner, Max Peter; Kold, David; Kulahci, Murat.
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. / Salleh, MS; Mazzoni, Gianluca; Nielsen, M. O.; Lavendahl, P; Kadarmideen, Haja.
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, Frank Huess; Madsen, Michael.
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. / Fedrigo, Anna; Marstal, Kasper; Koch, Christian Bender; Dahl, Vedrana Andersen; Dahl, Anders Bjørholm; Lyksborg, Mark; Gundlach, Carsten; Ott, Frédéric; Strobi, Markus.
In: Journal of Electronic Imaging, Vol. 4, No. 5, 72, 2018.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Kage årsag til iltmangel og indlæggelse på hospital. / Hedlund, Frank Huess.
Research output: Research › Journal article – Annual report year: 2018

Kuldioxid er uegnet til kvælning af glødebrande. / Hedlund, Frank Huess.
Research output: Communication › Journal article – Annual report year: 2018

Land-use planning risk estimates for a chemical industrial park in China - A longitudinal study. / Hu, Xinsheng; Wu, Zongzhi; Hedlund, Frank Huess; Pedersen, Jan Boier; Wang, Rujun; Duo, Yingquan; Sin, Gürkan.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Layered Surface Detection for Virtual Unrolling. / Dahl, Vedrana Andersen; Dahl, Anders Bjørholm; Trinderup, Camilla Himmelstrup; Gundlach, Carsten.
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. / Lindberg, Anne-Sofie Wessel; Jørgensen, Thomas Martini; Dahl, Vedrana Andersen.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Methods and tools for the statistical data analysis of large datasets collected from bio-based manufacturing processes. / Spooner, Max Peter.
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, Ana Carolina; Jung Kjær, Lene; Baum, Andreas; Stockmarr, Anders; Skovgaard, Henrik; Nielsen, Søren Achim; Andersson, Mats Gunnar; Lindström, Anders; Chinchón, Jan; Lühken, Renke; Steinke, Sonja; Kiel, Ellen; Gethmann, Jörm; Conraths, Franz J; Larska, Magdalena; Smreczak, Marcin; Orłowska, Anna;
Multi-Parameterised Matchmaking: A Framework. / Christiansen, Anders Harboell; Gensby, Emil; Nielsen, Bo Friis. Proceedings of 2018 IEEE Conference on Computational Intelligence and Games. IEEE, 2018. Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Multi-phase Volume Segmentation with Tetrahedral Mesh. / Nguyen Trung, Tuan; Dahl, Vedrana Andersen; Bærentzen, Jakob Andreas; Trinderup, Camilla Himmelstrup. Proceedings of British Machine Vision Conference. 2018. Research output: Research - peer-review › Article in proceedings – 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. / Schovsbo, Niels H.; Gottfredsen, Sofie N.; Schmidt, Karen Guldbæk; Jørgensen, Thomas M. In: IFAC-PapersOnLine, Vol. 51, No. 8, 2018, p. 203-210. Research output: Research - peer-review › Journal article – Annual report year: 2018


Parish types of ruin probabilities for a class of dependent risk-reserve processes. / Bladt, Mogens; Nielsen, Bo Friis; Peralta, Oscar. In: Scandinavian Actuarial Journal, 2018, p. 1-30. 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. / Ingvardson, Jesper Bláfoss; Nielsen, Otto Anker; Raveau, Sebastián; Nielsen, Bo Friis. In: Transportation Research. Part C: Emerging Technologies, Vol. 90, 2018, p. 292-306. 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. / Kjaer, Lene Jung; Soleng, Arnulf; Skarsjford Edgar, Kristin; Lindstedt, Heidi Elisabeth H.; Mærk Paasen, Katrine; Andreassen, Åshild Kristine; Korslund, Lars; Kjelland, Vivian; Slottan, Audun; Stuen, Snorre; Kjellander, Petter; Christiansson, Madeleine; Teräväinen, Malin; Baum, Andreas; Schou, Kirstine Klitgaard; Bødker, Rene. 2018. Abstract from Workshop on Arthropod-Borne Diseases, Isle of Riems, Germany. Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018


Probabilistic approach for assessing cancer risk due to benzo[a]pyrene in barbecued meat: Informing advice for population groups. / Jakobsen, Lea Sletting; Georgiadis, Stylianos; Nielsen, Bo Friis; Bokkers, Bas G H; Boriani, Elena; Duedahl-Olesen, Lene; Hald, Tine; Nauta, Maarten J; Stockmarr, Anders; Pires, Sara Monteiro. In: PLoS ONE, Vol. 13, No. 11, e0207032, 2018. 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. / Emerson, Monica Jane; Wang, Ying; Withers, Philip John; Conradsen, Knut; Dahl, Anders Bjørholm; Dahl, Vedrana Andersen.

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

Queueing and Optimization Models for Hospital Patient Flow. / Andersen, Anders Reenberg.

Technical University of Denmark, 2018. 190 p.
Research output: Research › Ph.D. thesis – Annual report year: 2018

Real-time fault detection and diagnosis using sparse principal component analysis. / Gajjar, Shriram; Kulahci, Murat; Palazoglu, Ahmet.

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

Säkerhetsutmaningar med väte som energibärare. / Hedlund, Frank Huess.

In: Kemivärlden Biotech med Kemisk Tidsskrift, No. 4, 2018, p. 23-26.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Silo response and safety: The dangers of using carbon dioxide to quench silo fires. / Hedlund, Frank Huess; Nichols, Jeffrey.

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

Silo response - The dangers of using carbon dioxide to quench silo fires. / Hedlund, Frank Huess; Nichols, Jeffrey.

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. / Cuellar, Ana Carolina; Kjær, Lene Jung; Kirkeby, Carsten Thure; Skovgard, Henrik; Nielsen, Søren Achim; Stockmarr, Anders; Conradsen, Gunnar; Lindstrom, Anders; Chirico, Jan; Lühken, Renke; Steinke, Sonja; Kiel, Ellen; Gethmann, Jörn; Conraths, Franz J; Larska, Magdalena; Hamnes, Inger; Sviland, Ståle; Hopp, Petter; Brugger, Katharina; Rubel, Franz; Balenghien, Thomas; Garros, Claire; Rakotoarivony, Ignace; Allène, Xavier; Lhoir, Jonathan; Chavernac, David; Delécolle, Jean-Claude; Mathieu, Bruno; Delécolle, Delphine; Setié-Rio, Marie-Laure; Venail, Roger; Scheid, Bethsabée; Chueca, Miguel Ángel Miranda; Barceló, Carlos; Lucientes, Javier; Estrada, Rosa; Mathis, Alexander; Tack, Wesley; Bedker, Rene.

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

Statistical Learning with Applications in Biology. / Nielsen, Agnes Martine.

Research output: Research › Ph.D. thesis – Annual report year: 2018
Statistical validation of individual fibre segmentation from tomograms and microscopy. / Emerson, Monica Jane; Dahl, Vedrana Andersen; Conradsen, Knut; Mikkelsen, Lars Pilgaard; Dahl, Anders Bjorholm.
Research output: Research - peer-review › Journal article – Annual report year: 2018

Stort udslip af giftig gas ved aflæsning af madaffald. / Hedlund, Frank Huess.
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, Frank Huess.
Research output: Research › Journal article – Annual report year: 2018

Stort utsläpp av giftig gas vid avlastning av matavfall. / Hedlund, Frank Huess.
Research output: Research › Journal article – Annual report year: 2018

Svovlbrinte stinker, men dræber uden lugt. / Hedlund, Frank Huess.
Research output: Communication › Journal article – Annual report year: 2018

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

Svovlsyres fortyndingsvarme. / Hedlund, Frank Huess; Frutiger, Jerome; Sin, Gürkan.
Research output: Research › Journal article – Annual report year: 2018

Task design for Engineering Mathematics: process, principles and products. / Schmidt, Karsten; Winsløw, Carl.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Technology to provide educational practitioners with the expertise they need. / Porayska-Pomsta, Kaska; Preston, Christina; Weitze, Charlotte Larke; Younie, Sarah .
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. / Loft, Frederik Cornelius; Malmqvist, Lasse; Lindberg, Anne-Sofie Wessel; Hamann, Steffen.
Research output: Research - peer-review › Journal article – Annual report year: 2018

The Mixed Assessor Model and the multiplicative mixed model. / Pødenphant, Sofie; Truong, Minh H.; Kristensen, Kasper ; Brockhoff, Per B.
Research output: Research - peer-review › Journal article – Annual report year: 2018

The transmission spectrum of sound through a phononic crystal subjected to liquid flow. / Declercq, Nico F.; Chehami, Lynda; Moiseyenko, Rayisa P.
Research output: Research - peer-review › Journal article – Annual report year: 2018
A Simulation-based Markov Decision Process for the Scheduling of Operating Theatres. / Andersen, Anders Reenberg; Nielsen, Bo Friis; Stidsen, Thomas Jacob Riis; Reinhardt, Line B. 2017. Abstract from European Conference on Stochastic Optimization 2017, Rom, Italy.

Research output: Research › Conference abstract for conference – Annual report year: 2017


Research output: Research › Conference abstract in proceedings – Annual report year: 2017


Research output: Communication › Journal article – Annual report year: 2017


Research output: Research › Conference abstract in proceedings – Annual report year: 2017


Research output: Research › Conference abstract in proceedings – Annual report year: 2017


Research output: Research › Conference abstract in proceedings – Annual report year: 2017


Research output: Communication › Journal article – Annual report year: 2017


Research output: Research › Journal article – Annual report year: 2017


Research output: Research › Journal article – Annual report year: 2017


Research output: Research › Ph.D. thesis – Annual report year: 2017
Cloud-shadow removal for Unmanned Aerial System multispectral imagery based on tensor decomposition methods. / Baum, Andreas; Wang, Sheng; García, Monika.
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. / Caballero, Daniel; Caro, Andrés; Amigo, José Manuel; Dahl, Anders Bjørholm; Ersbøll, Bjarne Kjær; Pérez-Palacios, Trinidad.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

DTU Employee Satisfaction Survey 2017 - importance analysis. / Lyndgaard, Christian Bøge; Kuznetsova, Alexandra; Ersbøll, Bjarne Kjær.
DTU Compute, 2017. 4 p.
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, Xiaojing; Wargocki, Pawel; Lian, Zhiwei; Thyregod, Camilla.
Research output: Research - peer-review › Journal article – Annual report year: 2016

Foreign object detection in multispectral X-ray images of food items using sparse discriminant analysis. / Einarsson, Gudmundur; Jensen, Janus Nortoft; Paulsen, Rasmus Reinhold; Einarsdottir, Hildur; Ersbøll, Bjarne Kjær; Dahl, Anders Bjørholm; Christensen, Lars Bager.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017
Formulating and testing a method for perturbing precipitation time series to reflect anticipated climatic changes. / Sørup, Hjalte Jomo Danielsen; Georgiadis, Stylianos; Gregersen, Ida Bülow; Arnberg-Nielsen, Karsten.
Research output: Research - peer-review › Journal article – Annual report year: 2017

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

Høringssvar - Vejledning for kolonne 3-virksomheder - Sikring af risikovirksomheder. / Hedlund, Frank Huess.
Research output: Commissioned › Question & Answer/hearing contribution – Annual report year: 2017

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

How to foster a High-Tech entrepreneurial mind-set – A multidisciplinary engineering course for Bachelor students. / Rootzén, Helle; Berg, RoIff Henrik; Hobley, Timothy John; Andersson, Permillie Hammar; Yoshinaka, Yutaka; Jensen, Lotte Bjerregaard.
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

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

Interpolation from Grid Lines: Linear, Transfinite and Weighted Method. / Lindberg, Anne-Sofie Wessel; Jørgensen, Thomas Martini; Dahl, Vedrana Andersen.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Investigating the influence of product perception and geometric features. / Perez Mata, Marta; Ahmed-Kristensen, Saeema; Brockhoff, Per B.; Yanagisawa, Hideyoshi.
Research output: Research - peer-review › Journal article – Annual report year: 2016

Lederlønsundersøgelse - Lønberegner til BUPL. / Andersen, Jesper Fink; Thyregod, Camilla; Ersbøll, Bjarne Kjær.
DTU Compute, 2017. 8 p.
Research output: Research › Report – Annual report year: 2017

Imertest Package: Tests in Linear Mixed Effects Models. / Kuznetsova, Alexandra; Brockhoff, Per B.; Christensen, Rune Haubo Bojesen.
Research output: Research - peer-review › Journal article – Annual report year: 2017

Managerial implications for improving continuous production processes. / Capaci, Francesca; Vanhatalo, Erik; Bergquist, Bjarne; Kulaehci, Murat.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017
Prediction of pork quality parameters by applying fractals and data mining on MRI. / Caballero, Daniel; Pérez-Palacios, Trinidad; Caro, Andrés; Amigo, José Manuel; Dahl, Anders Bjørholm; Erskbøll, Bjarne Kjær; Antequera, Teresa.
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. / Malmqvist, Lasse; Lindberg, Anne-Sofie Wessel; Dahl, Vedrana Andersen; Jørgensen, Thomas Martini; Hamann, Steffen.
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. / Lindberg, Anne-Sofie Wessel; Larsen, Lasse Malmqvist; Dahl, Vedrana Andersen; Jørgensen, Thomas Martini; Hamann, Steffen Ellitsgaard.
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2018

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

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

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

Selection of objective function for imbalanced classification: an industrial case study. / Khan, Abdul Rauf; Schiøler, Henrik; Kulahci, Murat.
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. / Löwe, Roland; Urich, Christian; Kulahci, Murat; Radhakrishnan, Mohanasundar; Deletic, Ana; Arnbjerg-Nielsen, Karsten.
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Sikring af risikovirksomheder. / Hedlund, Frank Huess.
Research output: Communication › Journal article – Annual report year: 2017

Simulerer af Lokalebehov i 2025. / Andersen, Jesper Fink; Erskbøll, Bjarne Kjær; Thyregod, Camilla.
DTU Compute, 2017. 22 p.
Research output: Research › Report – Annual report year: 2017
Automatic measurement of orbital volume in unilateral coronal synostosis. / Dahl, Vedrana Andersen; Einarsson, Gudmundur; Darvann, Tron Andre; Hermann, Nuno Vibe; Hove, Hanne Buciek; Kakimoto, Naoya; Kreiborg, Sven; Dahl, Anders Bjorholm.

Beskedent overtryk gav spektakulære følger. / Hedlund, Frank Huess.

Causal Analysis of Railway Running Delays. / Cerreto, Fabrizio; Nielsen, Otto Anker; Harrod, Steven; Nielsen, Bo Friis.
2016. Paper presented at 11th World Congress on Railway Research (WCRR 2016), Milan, Italy.

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. / Mielby, Line H.; Andersen, Barbara Vad; Jensen, Sidsel; Kildegaard, Heidi; Kuznetsova, Alexandra; Eggers, Nina; Brockhoff, Per B.; Byrne, Derek V.

Concurrent elevation of CO2, O3 and temperature severely affects oil quality and quantity in rapeseed. / Namazkar, Shahla; Stockmarr, Anders; Frejick, Georg; Egsgaard, Helge; Terkelson, Thilde; Mikkelsen, Teis Nørgaard; Ingvordsen, Cathrine Heinz; Bagger Jørgensen, Rikke.

Correlations between fatigue and disease duration, disease activity, and pain in patients with rheumatoid arthritis: a systematic review. / Groth Madsen, S.; Danneskiold-Samsøe, B.; Stockmarr, Anders; Bartels, EM.

Delta-tilde interpretation of standard linear mixed model results. / Brockhoff, Per Bruun; Amorim, Isabel de Sousa; Kuznetsova, Alexandra; Bech, Søren; de Lima, Renato Ribeiro.

Determinants of meal satisfaction in a workplace environment. / Haugaard, Pernille; Stancu, Catalin M.; Brockhoff, Per B.; Thorsdottir, Inga; Lähteenmäki, Liisa.

Does correlated color temperature affect the ability of humans to identify veins? / Argyraki, Aikaterini; Clemmensen, Line Katrine Harder; Petersen, Paul Michael.

Er sprængpladen vendt korrekt? / Hedlund, Frank Huess.

Evaluation of temporal surveillance system sensitivity and freedom from bovine viral diarrhea in Danish dairy herds using scenario tree modelling. / Foddai, Alessandro; Stockmarr, Anders; Boklund, Anette.
In: B M C Veterinary Research, Vol. 12, No. 1, 118, 2016.
Factors associated with usage of antimicrobials in commercial mink (Neovison vison) production in Denmark. / Jensen, Vibeke Frøkjær; Sommer, Helle Mølgaard; Struve, T.; Clausen, J.; Chriél, Mariann.
In: Preventive Veterinary Medicine, Vol. 126, 2016, p. 170-182.
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. / Hedlund, Frank Huess; Jarleivson Hilduberg, Øssur.
Research output: Research - peer-review › Book chapter – Annual report year: 2016

From university research to innovation Detecting knowledge transfer via text mining. / Woltmann, Sabrina; Clemmensen, Line Katrine Harder; Alkaersig, Lars.
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. / Lassen, Anne Dahl; Lehmann, Charlotte; Andersen, Elisabeth Wreford; Werther, Michelle Nadia; Thorsen, Anne Vibeka; Trolle, Ellen; Gross, Gitte; Tetens, Inge.
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. / Ingvordsen, Cathrine Heinz; Gislum, René; Jørgensen, Johannes Ravn; Mikkelsen, Teis Nørgaard; Stockmarr, Anders; Bagger Jørgensen, Rikke.
Research output: Research - peer-review › Journal article – Annual report year: 2016

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

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

High-resolution rainfall time series for future climate. / Serup, Hjalte Jomo Danielsen; Georgiadis, Stylianos; Gregersen, Ida Bülow; Ambjerg-Nielsen, Karsten.
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. / Hansen, Peter Wæde; Clemmensen, Line Katrine Harder; Sehested, Thomas S.G.; Fosbøl, Emil Loldrup; Torp-Pedersen, Christian; Keber, Lars; Gislason, Gunnar H.; Andersson, Charlotte.
Research output: Research - peer-review › Journal article – Annual report year: 2016

Image Analysis for X-ray Imaging of Food. / Einarsdottir, Hildur; Ersbøll, Björn Kjær (Supervisor); Larsen, Rasmus (Supervisor).

Kronik: Virksomheder med elitesmiley flyver under radaren. / Hedlund, Frank Huess.
In: Ingenioeren, No. 27.05.2016, 2016, p. 6.
Large Steel Tank Fails and Rockets to Height of 30 meters - Rupture Disc Installed Incorrectly. / Hedlund, Frank Huess; Selig, Robert Simon; Kragh, Eva K. 
Research output: Research - peer-review › Journal article – Annual report year: 2015

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

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

Monitoring Animal Well-being. / Gronskyte, Ruta; Kulahci, Murat (Main supervisor); Clemmensen, Line Katrine Harder (Supervisor). 

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

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

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

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

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

Novelty detection of foreign objects in food using multi-modal X-ray imaging. / Einarsdottir, Hildur; Emerson, Monica Jane; Clemmensen, Line Katrine Harder; Scherer, Kai; Willer, Konstantin; Bech, Martin; Larsen, Rasmus; Ersbøll, Bjarne Kjær; Pfeiffer, Franz. 
Research output: Research › Journal article – Annual report year: 2016

Obesity Prevention in the Nordic Countries. / Stockmarr, Anders; Hejgaard, Tatjana; Matthiessen, Jeppe. 
Research output: Research › Journal article – Annual report year: 2016
Objective measures of meal variety lacking association with consumers’ perception of variety with self-selected buffet meals at work. / Haugaard, Pernille; Brockhoff, Per B.; Lahteenmaki, Liisa.
Research output: Research - peer-review › Journal article – Annual report year: 2016

On the need for integrating LCA into decision making. / Dong, Yan; Miraglia, Simona; Manzo, Stefano; Georgiadis, Stylianos; Sørup, Hjalte Jomo Danielsen; Boriani, Elena; Thöns, Sebastian; Hauschild, Michael Zwicky.
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

On the use of functional calculus for phase-type and related distributions. / Bladt, Mogens; Navarro, Azucena Campillo; Nielsen, Bo Friis.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Optimistic self-assessments of unhealthy diets are associated with positive indicators of health and health behaviours in Danish adults. / Sørensen, Mette Rosenlund; Matthiessen, Jeppe; Holm, L.; Knudsen, Vibeke Kildegaard; Andersen, Elisabeth Wreford; Tøtens, Inge.
Research output: Research - peer-review › Poster – Annual report year: 2016

Parking guidance : Summary report. / Thyregod, Camilla; Notarangelo, Rosaria; Ersbøll, Bjarne Kjær.
Kgs. Lyngby : Technical University of Denmark (DTU), 2016.
Research output: Research › Report – Annual report year: 2016

Possibilities and barriers for e-learning in primary school in Denmark. / Alstrup, Stephen; Rootzén, Helle.
Research output: Research - peer-review › Paper – Annual report year: 2016

Probabilistic modelling of sea surges in coastal urban areas. / Georgiadis, Stylianos; Sørup, Hjalte Jomo Danielsen; Ambjerg-Nielsen, Karsten; Nielsen, Bo Friis.
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Process Knowledge Discovery Using Sparse Principal Component Analysis. / Gao, Huihui; Gajjar, Shriram; Kulahci, Murat; Zhu, Quanxiang; Palazoglu, Ahmet.
Research output: Research - peer-review › Journal article – Annual report year: 2017

Quantitative tumor heterogeneity assessment on a nuclear population basis. / Lindberg, Anne-Sofie Wessel; Conradsen, Knut; Larsen, Rasmus; Fris Lippert, Michael; Rege, Rasmus; Vyberg, Mogens.
Research output: Research - peer-review › Journal article – Annual report year: 2016

Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

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

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

Sustainable flood risk management – What is sustainable? / Sørup, Hjalte Jomo Danielsen; Brudler, Sarah; Lerer, Sara Maria; Miraglia, Simona; Georgiadis, Stylianos; Dong, Yan; Arnbjerg-Nielsen, Karsten. 
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. / Lange, Peter; Godtfredsen, Nina Skavlan; Olejnicka, Beata; Paradis, Bo-Anders; Curiac, Dan; Humerfelt, Sjur; Telg, Gunilla; Christensen, Helene Nordahl; Bitsch, Magnus Alexander; Andersen, Elisabeth Wreford; Bjermer, Leif. 
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. / Aaslyng, Margit D.; De Lichtenberg Broge, Eva Honnens; Brockhoff, Per B.; Christensen, Rune Haubo Bojesen. 
Research output: Research › Journal article – Annual report year: 2016

The fundament of food, crop protein production, is threatened by climate change. / Ingvordsen, Cathrine Heinz; Gislum, Rene; Jørgensen, Johannes Ravn; Mikkelsen, Teis Nergaard; Stockmarr, Anders; Bagger Jørgensen, Rikke. 
2016, Article. 
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. / Trinderup, Camilla Himmelstrup; Dahl, Vedrana Andersen; Gregersen, Kristian Murphy; Orlando, Ludovic Antoine Alexandre; Dahl, Anders Bjorholm. 
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. / Sommer, Helle Malgaard; Nauta, Maarten; Rosenquist, Hanne. 
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, Sandra; Bredie, Wender L P; Christensen, Rune Haubo Bojesen; Byrne, Derek V. 
Research output: Research › Journal article – Annual report year: 2016
Use of Sparse Principal Component Analysis (SPCA) for Fault Detection. / Gajjar, Shriram; Kulahci, Murat; Palazoglu, Ahmet.
Research output: Research - peer-review › Conference article – Annual report year: 2017

Validation of Reported Whole-Grain Intake from a Web-Based Dietary Record against Plasma Alkylresorcinol Concentrations in 8- to 11-Year-Olds Participating in a Randomized Controlled Trial. / Biltoft-Jensen, Anja Pia; Damsgaard, Camilla T.; W. Andersen, Elisabeth; Ygil, Karin Hess; Andersen, Rikke; Ege, Majken; Christensen, Tue; Thorsen, Anne Vibeke; Tetens, Inge; Wu, Huaxing; Landberg, R.
Research output: Research - peer-review › Journal article – Annual report year: 2016

Visualizing multifactorial and multi-attribute effect sizes in linear mixed models with a view towards sensometrics.
Brockhoff, Per B. (Author); Amorim, Isabel de Sousa (Author); Kuznetsova, Alexandra (Author); Bech, Søren (Author); Lima, R.R. de (Author). 2016. Event: useR! 2016 international R User conference, Stanford, CA, United States.
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. / Burild, Anders; Lauridsen, Charlotte; Faqir, Nasrin; Sommer, Helle Malgaard; Jakobsen, Jette.
Research output: Research - peer-review › Journal article – Annual report year: 2016

Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

X-ray based micromechanical finite element modeling of composite materials. / Mikkelsen, Lars Pilgaard; Emerson, Monica Jane; Jespersen, Kristine Munk; Dahl, Vedrana Andersen; Conradsen, Knut; Dahl, Anders Bjorholm. Proceedings of 29th Nordic Seminar on Computational Mechanics. 2016.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Fremtidens samfund mangler kvindelige professorer. / Rootzén, Helle.
In: Politiken, 26.06.2015.
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2015

Kvindekvoter er ligebehandling. / Rootzén, Helle.
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. / Ingvordsen, Cathrine Heinz; Lyngkjær, Michael F.; Peltonen-Sainio, Pirjo; Mikkelsen, Teis Nørgaard; Stockmarr, Anders; Bagger Jørgensen, Rikke. 2015. Poster session presented at Agriculture and Climate Change: Adapting Crops to Increased Uncertainty, Amsterdam, Netherlands.
Research output: Research › Poster – Annual report year: 2015

AB0346 Correlation of Disease Duration, Disease Activity and Pain to Fatigue – a Systematic Review. / Groth Madsen, S.; Danneskiold-Samsoe, B.; Stockmarr, Anders; Bartels, E.M.
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. / Biltoft-Jensen, Anja Pia; Damsgaard, Camilla Trab; Andersen, Rikke; Ygil, Karin Hess; Andersen, Elisabeth Wreford; Ege, Majken; Christensen, Tue; Sørensen, Louise Bergmann; Stark, Ken D.; Tetens, Inge; Thorsen, Anne Vibeke.
Analysis of data from the MariCare Smartfloor at Skovhuset Care Home. / Spooner, Max Peter; Jørgensen, Thomas Martini; Thyregod, Camilla; Erbsøll, Bjarne Kjær.
Research output: Research › Report – Annual report year: 2016

Antibiotika til mink fra 2007-2012. / Jensen, Vibeke Frakjær; Sommer, Helle Mølgaard; Stuve, Tina; Clausen, Jesper; Chriél, Mariann.
In: Dansk Pelsdyravl, No. 2, 2015, p. 34-37.
Research output: Research › peer-review › Journal article – Annual report year: 2015

Research output: Research › peer-review › Report chapter – Annual report year: 2016

Automated mixed ANOVA modeling of sensory and consumer data. / Kuznetsova, Alexandra; Christensen, Rune Haubo Bojesen; Bavay, Cecile; Brockhoff, Per Bruun.
Research output: Research › peer-review › Journal article – Annual report year: 2015

Back scattering interferometry revisited – A theoretical and experimental investigation. / Jørgensen, Thomas Martini; Jepsen, S. T.; Sørensen, Henrik Schiøtt; di Gennaro, A.; Kristensen, S. R.
Research output: Research › peer-review › Journal article – Annual report year: 2015

Battling Bluetongue and Schmallenberg virus: Local scale behavior of transmitting vectors. / Stockmarr, Anders (Author); Kirkeby, Carsten (Author); Bødker, Rene (Author). 2015. Event: World Congress on Infectious Diseases 2015, London, United Kingdom.
Research output: Research › Sound/Visual production (digital) – Annual report year: 2015

Battling Bluetongue and Schmallenberg virus: Local scale behavior of transmitting vectors. / Stockmarr, Anders.
Research output: Research › peer-review › Conference abstract in journal – Annual report year: 2015

Big Data fra jord til bord. / Nielsen, Niels Axel; Erbsøll, Bjarne Kjær; Riis, Mark Bernhard; Bager, Flemming; Smedsøgaard, Jørn; Toft, Nils; Sunesson, Lovisa M. H.; Jacobsen, Peter; Løngreen, Peter; Graversen, Christian; Tamstorf, Trine Vig; Andersen, Morten; Molzen, Jan Eiersted; Odgaard, Mads H.
Technical University of Denmark (DTU), 2015. 60 p.
Research output: Communication › Report – Annual report year: 2015

Calculation of ruin probabilities for a dense class of heavy tailed distributions. / Bladt, Mogens; Nielsen, Bo Friis; Samorodnitsky, Gennady.
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. / Foddai, Alessandro; Enæ, Claes; Stockmarr, Anders; Krogh, Kaspar; Utenthal, Åse.
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. / Hermann-Bank, Marie Louise; Skovgaard, Kerstin; Stockmarr, Anders; Strube, Mikael Lenz; Larsen, Niels; Kongsted, Hanne; Ingerslev, Hans-Christian; Melbak, Lars; Boye, Mette.
In: B M C Veterinary Research, Vol. 11, No. 139, 2015.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Characterizing Digital Light Processing (DLP) 3D Printed Primitives. / Tyge, Emil; Pallisgaard, Jens J. ; Lilletorup, Morten; Hjaltalin, Nanna G.; Thompson, Mary Kathryn; Clemmensen, Line Katrine Harder.
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, Rosaria; Naes, Tormod; Brockhoff, Per Bruun.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Computer-aided diagnosis of pulmonary diseases using x-ray darkfield radiography. / Einarsdottir, Hildur; Yaroshenko, Andre ; Velroyen, Astrid ; Bech, Martin; Hellbach, Katharina ; Auweter, Sigrid ; Yildirim, Oncer ; Meinel, Felix G. ; Oliver Eickelberg, Oliver x; Reiser, Maximilian ; Larsen, Rasmus; Erbsboll, Bjarnes Kjaer; Pfeiffer, Franz .
Research output: Research - peer-review › Journal article – Annual report year: 2015

Design and analysis of biomedical studies. / Hansen, Merete Kjaer; Kulahci, Murat (Supervisor).
Research output: Research › Ph.D. thesis – Annual report year: 2015

Design of Experiments for Food Engineering. / Pedersen, Soren Juhl; Frosch, Stina (Supervisor); Kulahci, Murat (Supervisor); Geoffrey Vining, G.

Development of LED Light Sources for Improved Visualization of Veins: a statistical approach. / Argyraki, Aikaterini; Clemmensen, Line Katrine Harder; Petersen, Paul Michael.
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. / Sander, Birgit; Ahmad Al-Abijj, Hajer; Kofod, Mads; Jorgensen, Thomas Martini.
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. / Andersen, Rikke; Biltorf-Jensen, Anja Pia; Andersen, Elisabeth Wreford; Ege, Majken; Christensen, Tue; Ygil, Karin Hess; Thorsen, Anne Vibeke; Damsgaard, Camilla T.; Astrup, Arne; Michaelsen, Kim F.; Tetens, Inge.
Research output: Research - peer-review › Journal article – Annual report year: 2015

University of Copenhagen, 2015. 181 p.
Research output: Research › Ph.D. thesis – Annual report year: 2015

Estimation of on-farm interventions to control Campylobacter. / Sommer, Helle Mølgaard; Borck Høg, Birgitte; Rosenquist, Hanne; Nauta, Maarten.
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
Evaluation of acceptance sampling related to sealing plug and pipe stub. / Thyregod, Camilla; Ersbøll, Bjarne Kjær. DTU Compute, 2015. 20 p.
Research output: Communication › Report – Annual report year: 2015

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

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

Farm specific risk factors for Campylobacter colonization of broilers in six European countries. / 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. 2015. Poster session presented at 18th International Workshop on Campylobacter, Helicobacter and Related Organisms, Rotorua, New Zealand.
Research output: Research - peer-review › Poster – Annual report year: 2015

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

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

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

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

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

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

ICFD modeling of final settlers - developing consistent and effective simulation model structures. / Plósz, Benedek G.; Guyonvarch, Estelle; Ramin, Elham; Kulahci, Murat. 2015. Abstract from 9th IWA Symposium on Systems Analysis and Integrated Assessment (Watermatex 2015), Gold Coast, Queensland, Australia.
Multivariate Analysis Techniques for Optimal Vision System Design. / Sharifzadeh, Sara; Clemmensen, Line Katrine Harder (Supervisor); Erbsøll, Bjarne Kjær (Supervisor).
Kgs. Lyngby : Technical University of Denmark (DTU), 2015. 244 p.
Research output: Research › Ph.D. thesis – Annual report year: 2015

Non-negative Matrix Factorization for Binary Data. / Larsen, Jacob Søgaard; Clemmensen, Line Katrine Harder.
Research output: Research - peer-review › Paper – Annual report year: 2015

Optimization of Overflow Policies in Call Centers. / Koole, G.M.; Nielsen, B.F.; Nielsen, T.B.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Pig herd monitoring and undesirable tripping and stepping prevention. / Gronskyte, Ruta; Clemmensen, Line Katrine Harder; Hvid, Marchen Sonja; Kulahci, Murat.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Plate waste and intake of school lunch based on the New Nordic Diet and on packed lunches: A randomised controlled trial in 8- to 11-year-old Danish children. / Thorsen, Anne Vibeke; Lassen, Anne Dahl; Andersen, Elisabeth Wreford; Christensen, Lene Møller; Biltoft-Jensen, Anja Pia; Andersen, Rikke; Damsgaard, Camilla T.; Michaelsen, Kim F.; Tetens, Inge.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Recent Advances and Future Directions for Quality Engineering. / Vining, Geoff; Kulahci, Murat; Pedersen, Søren.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Reduction in pedometer-determined physical activity in the adult Danish population from 2007 to 2012. / Matthiessen, Jeppe; Andersen, Elisabeth Wreford; Rastrup, Anders; Knudsen, Vibeke Kildegaard; Sørensen, Mette Rosenlund.
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, Xixuan; Clemmensen, Line Katrine Harder.
In: Pattern Recognition, Vol. 49, 2015, p. 43-54.
Research output: Research - peer-review › Journal article – Annual report year: 2015

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

Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 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. / Kuznetsova, Alexandra; Brockhoff, Per B.; Amorim, Isabel de Sousa; Mielby, L.; Bech, Søren; Ribeiro de Lima, R.

**Short communication: Artificial ultraviolet B light exposure increases vitamin D levels in cow plasma and milk.** / Jakobsen, Jette; Jensen, Søren Krogh; Hymøller, Lone; Andersen, Elisabeth Wreford; Kaas, Poul; Burild, Anders; Jæpelt, Rie Bak. In: Journal of Dairy Science, Vol. 98, No. 9, 2015, p. 6492-6498. Research output: Research - peer-review › Journal article – Annual report year: 2015

**SigmaH for Switches and Crossings.** / Spooner, Max Peter; Thyregod, Camilla; Stockmarr, Anders; Ersbøll, Bjarne Kjær. DTU Compute, 2015. 29 p. Research output: Communication › Report – Annual report year: 2015

**Significant decrease in yield under future climate conditions: Stability and production of 138 spring barley accessions.** / Ingvordsen, Cathrine Heinz; Backes, Gunter; Lyngkjaer, Michael Foged; Peltonen-Sainio, Pirjo; Jensen, Jens Due; Jalli, Marja; Jahoor, Ahmed; Rasmussen, Morten; Mikkelson, Teis Nørgaard; Stockmarr, Anders; Bagger Jørgensen, Rikke. In: European Journal of Agronomy, Vol. 63, 2015, p. 105-113. Research output: Research - peer-review › Journal article – Annual report year: 2015

**Social ulighed i fedme og fedme-epidemien for børn..** Stockmarr, Anders (Author); Matthiessen, Jeppe (Author); Groth, Margit Velsing (Author); Fagt, Sisse (Author); Biltoft-Jensen, Anja Pia (Author); Andersen, J. S. (Author); Zhang, H. (Author); Trolle, Ellen (Author); Knudsen, Vibeke Kildegaard (Author). 2015. Event: 37th Symposium i Anvendt Statistik 2015, Danmarks Tekniske Universitet, Kongens Lyngby, Denmark. Research output: Research › Sound/Visual production (digital) – Annual report year: 2015

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


**Student employment and study effort for engineering students.** / Clemmensen, Line Katrine Harder; Harder, D. E. . Proceedings of the 43rd Annual SEFI Conference. 2015. 56598. Research output: Research - peer-review › Article in proceedings – Annual report year: 2015


**Taking individual scaling differences into account by analyzing profile data with the Mixed Assessor Model.** / Brockhoff, Per Brun; Schlich, Pascal; Skovgaard, Ib. In: Food Quality and Preference, Vol. 39, 2015, p. 156-166. Research output: Research - peer-review › Journal article – Annual report year: 2015

A national drug related problems database: evaluation of use in practice, reliability and reproducibility. / Kjeldsen, Lene Juels; Birkholm, Trine; Fischer, Hanne Lis; Graaek, Trine; Hansen, Merete Kjaer; Kibsdal, Karina Porsborg; Ravn-Nielsen, Lene Vestergaard; Truelshoj, Tania Holterm.
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

Can We Find Organic Materials in Food Using X-rays? / Emerson, Monica Jane; Einarsdottir, Hildur; Clemmensen, Line Katrine Harder; Ersbøll, Bjarne Kjær.
Research output: Research - peer-review › Poster – 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. / Nissen, Ioanna; Vogel, Ulla; Ravn-Haren, Gitte; Andersen, Elisabeth Wreford; Madsen, Katja Howarth; Nexø, Bjørn A.; Andersen, Rikke; Mejborn, Heddie; Bjerrum, Poul J.; Rasmussen, Lone Banke; Wulff, Hans Christian.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Common Variants in CYP2R1 and GC Genes Predict Vitamin D Concentrations in Healthy Danish Children and Adults. / Nissen, Ioanna; Rasmussen, Lone Banke; Ravn-Haren, Gitte; Andersen, Elisabeth Wreford; Hansen, Bettina Bach; Andersen, Rikke; Mejborn, Heddie; Madsen, Katja Howarth; Vogel, Ulla.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Consideration of sample heterogeneity and in-depth analysis of individual differences in sensory analysis. / Bavay, Cécile; Brockhoff, Per B.; Kuznetsova, Alexandra; Maître, Isabelle; Mehinagic, Emira; Symoneaux, Ronan.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Danish children born to parents with lower levels of education are more likely to become overweight. / Matthiessen, Jeppe; Stockmarr, Anders; Fagt, Sisse; Knudsen, Vibeke Kildegaaard; Biltoft-Jensen, Anja Pia.
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. / Herrmann, Ivan Tengbjerg; Lundberg-Jensen, Martin; Jørgensen, Andreas; Stidsen, Thomas Riis; Spliid, Henrik; Hauch, Michael Zwicky.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Estimating spatio-temporal dynamics of size-structured populations. / Kristensen, Kasper; Thygesen, Uffe Høgsbro; Andersen, Ken Haste; Beyer, Jan E.
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, Casper Willestoffe; Nielsen, Anders; Kristensen, Kasper.
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. / Amris, Kirstine; Wæhrens, Eva Ejlersen; Stockmarr, Anders; Bliddal, Henning; Danneskiold-Samsøe, Bente.
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. / Jonach, Beata Renata; Boye, Mette; Stockmarr, Anders; Jensen, Tim Kåre.
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

How do student evaluations of courses and of instructors relate? / Sliusarenko, Tamara; Clemmensen, Line Katrine Harder; Erßbøll, Bjarne Kjær.
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. / Ljungqvist, Martin Georg; Nielsen, Otto Højager Attermann; Frosch, Stina; Nielsen, Michael Engelbrecht; Clemmensen, Line Katrine Harder; Erßbøll, Bjarne Kjær.
Research output: Research - peer-review › Article in proceedings – 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. / Sørensen, Anne V.; Donskov, Frede; Herrmann, Gregers G.; Jensen, Niels V.; Petersen, Astrid; Spliid, Henrik; Sandin, Rickard; Fode, Kirsten; Geertsen, Poul F.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Influence of consumer's background on product perception. / Perez Mata, Marta; Ahmed-Kristensen, Saeema; Brockhoff, Per B.
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. / Hansen, Merete Kjær; Sharma, Anoop Kumar; Dybdahl, Marianne; Boberg, Julie; Kulahci, Murat.
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. / Weitze, Charlotte Lærke.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Maximizing entropy over Markov processes. / Biondi, Fabrizio; Legay, Axel; Nielsen, Bo Friis; Wasowski, Andrzej.
Research output: Research - peer-review › Conference article – Annual report year: 2014

Method for detection of an abnormal sleep pattern in a person. / Sørensen, Helge Bjarup Dissing (Inventor); Christensen, Julie Anja Engelhard (Inventor); Jennum, Poul Jørgen (Inventor); Rahn Christensen, Søren (Inventor); Arvastson, Lars Johan (Inventor).
Research output: Research › Patent – Annual report year: 2014

Multiphase Image Segmentation Using the Deformable Simplicial Complex Method. / Dahl, Vedrana Andersen; Christiansen, Asger Nyman; Bærentzen, Jakob Andreas.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Multivariate phase type distributions - Applications and parameter estimation. / Meisch, David; Nielsen, Bo Friis (Main supervisor); Leleur, Steen (Supervisor).
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. / Miklos, Rikke; Nielsen, Mikkel Schou; Einarsdottir, Hildur; Feidenhans'l, Robert; Lametsch, René.
Research output: Research › Journal article – Annual report year: 2014

Obituary : Marcel F. Neuts 1935-2014. / Asmussen, Søren; Nielsen, Bo Friis.
Research output: Communication › Journal article – Annual report year: 2014

On the use of functional calculus for phase-type and related distributions. / Bladt, Mogens; Campillo Navarro, Azucena; Nielsen, Bo Friis.
Research output: Research › Report – Annual report year: 2014

On Weighted Support Vector Regression. / Han, Xixuan; Clemmensen, Line Katrine Harder.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Optimering af billetkontrol. / Thyregod, Camilla; Ersbøll, Bjarne Kjær.
Research output: Communication › Report – Annual report year: 2014

Paired preference data with a no-preference option – Statistical tests for comparison with placebo data. / Christensen, Rune Haubo Bojesen; Ennis, John M.; Ennis, Daniel M.; Brockhoff, Per B.
Quantitative assessment of the risk of introduction of bovine viral diarrhea virus in Danish dairy herds. / Foddai, Alessandro; Boklund, Anette; Stockmarr, Anders; Krogh, Kaspar; Enøe, Claes.
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. / Nissen, Ioanna; Vogel, Ulla Birgitte; Ravn-Haren, Gitte; Andersen, Elisabeth Wreford; Nexø, Bjørn A.; Andersen, Rikke; Mejborn, Heddie; Madsen, Katja Howarth; Rasmussen, Lone Banke.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Segmentation of Connective Tissue in Meat from Microtomography Using a Grating Interferometer. / Einarsdottir, Hildur; Ersbøll, Bjarne Kjær; Larsen, Rasmus.
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Segmentation Toolbox for Tomographic Image Data. / Einarsdottir, Hildur.
Research output: Research › Poster – Annual report year: 2014

Selecting groups of covariates in the elastic net. / Clemmensen, Line Katrine Harder.
Research output: Research › Report – Annual report year: 2014

Short mandible - a possible risk factor for cleft palate with/without a cleft lip. / Hermann, Nuno Vibe; Darvann, Tron Andre; Ersbøll, Bjarne Kjær; Kreiborg, S.
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. / Romero-Garcia, Rafael; Clemmensen, Line Katrine Harder.
Research output: Research - peer-review › Conference article – Annual report year: 2014

Statistical prediction of biomethane potentials based on the composition of lignocellulosic biomass. / Thomsen, Sune Tjalfe; Spliid, Henrik; Østergård, Hanne.
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. / Einarsdottir, Hildur; Ersbøll, Bjarne Kjær; Larsen, Rasmus.
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. / Foddai, Alessandro; Enøe, Claes; Krogh, Kaspar; Stockmarr, Anders; Hisham Beshara Halasa, Tariq.
In: Preventive Veterinary Medicine, Vol. 117, No. 1, 2014, p. 149-159.
Research output: Research - peer-review › Journal article – Annual report year: 2014
Study Delay. / Sliusarenko, Tamara; Gronskyte, Ruta; Clemmensen, Line Katrine Harder; Kulahci, Murat; Ersbøll, Bjarne Kjær.
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. / Choi, Yoon-Jung; Kim, Jin-Young; Christensen, Rune Haubo Bojesen; van-Hout, Danielle; Lee, Hye-Seong.
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. / Sharifzadeh, Sara; Clemmensen, Line Katrine Harder; Borggaard, Claus; Steier, Susanne; Ersbøll, Bjarne Kjær.
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

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

The MAM-CAP table: A new tool for monitoring panel performances. / Peltier, C.; Brockhoff, Per B.; Visalli, M.; Schlich, P.
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. / Amris, Kirstine; Wæhrens, Eva Ejlersen; Jespersen, Anders; Stockmarr, Anders; Bennett, Robert; Bilddal, Henning; Danneskiold-Samsøe, Bente.
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. / Hansen, Merete Kjær; Kulahci, Murat.
DTU Compute, 2014. 35 p.
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. / Matthiessen, Jeppe; Stockmarr, Anders; Biltoft-Jensen, Anja Pia; Fagt, Sisse; Zhang, Hao; Groth, Margit Velsing.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Trends in pedometer-measured steps per day in Danish adults: 2007 to 2012. / Matthiessen, Jeppe; Andersen, Elisabeth Wreford; Raustorp, Anders; Sørensen, Mette Rosenlund.
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. / Janstrup, Kira Hyldekær; Hels, Tove; Kaplan, Sigal; Sommer, Helle Mølgaard; Lauritsen, Jens.
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014
Upstream DoE Parameters. / Thyregod, Camilla. DTU Compute, 2014. 72 p.
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. / Madsen, Katja Howarth; Rasmussen, Lone Banke; Mejborn, Heddie; Andersen, Elisabeth Wreford; Mølgaard, Christian; Nissen, Ioanna; Tetens, Inge; Andersen, Rikke. In: British Journal of Nutrition, Vol. 112, No. 5, 2014, p. 776-784. Research output: Research - peer-review › Journal article – Annual report year: 2014

Analysis of factors important for the occurrence of Campylobacter in Danish broiler flocks. / Sommer, Helle Mølgaard; Heuer, Ole Eske; Sørensen, Anna Irene Vedel; Madsen, Mogens. In: Preventive Veterinary Medicine, Vol. 111, No. 1-2, 2013, p. 100-111. Research output: Research - peer-review › Journal article – Annual report year: 2013


A sampling approach for predicting the eating quality of apples using visible–near infrared spectroscopy. / Vega, Mabel V Martínez; Sharifzadeh, Sara; Wulfsohn, Dvoralai; Skov, Thomas; Clemmensen, Line Katrine Harder; Toldam-Andersen, Torben B. In: Journal of the Science of Food and Agriculture, Vol. 93, No. 15, 2013, 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, Ewelina Katarzyna; Jørgensen, Bo Munk; Brockhoff, Per B.; Frosch, Stina. In: Journal of Chemometrics, Vol. 27, No. 1-2, 2013, 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. / Thakur, Aneesh; Aagaard, Claus; Stockmarr, Anders; Andersen, Peter; Jungersen, Gregers. In: Clinical and Vaccine Immunology (Online), Vol. 20, No. 4, 2013, p. 551-558. Research output: Research - peer-review › Journal article – Annual report year: 2013

Class 4 Defects. / Andersen, Elisabeth Wreford; Thyregod, Camilla; Kulahci, Murat; Ersbøll, Bjarne Kjær. Kgs. Lyngby: Technical University of Denmark (DTU), 2013. 140 p. Research output: Research › Report – Annual report year: 2013
Code Generation for Protocols from CPN models Annotated with Pragmatics. / Simonsen, Kent Inge; Kristensen, Lars Michael; Kindler, Ekkart.
Kongens Lyngby : Technical University of Denmark (DTU), 2013. 43 p.
Research output: Research › Report – Annual report year: 2013

Comparison of estimated energy intake in children using a Web-based Dietary Assessment Software with accelerometer-estimated energy expenditure in children. / Biltoft-Jensen, Anja Pia; Hjort, Mads F.; Trolle, Ellen; Christensen, Tue; Brockhoff, Per B.; Andersen, Lene F.; Tetens, Inge; Matthiessen, Jeppe.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Contextual Multivariate Segmentation of Pork Tissue from Grating-Based Multimodal X-Ray Tomography. / Einarsdottir, Hildur; Nielsen, Mikkel S.; Erssøll, Bjarne Kjær; Larsen, Rasmus; Bech, Martin; Pfeier, Franz; Christensen, Lars B.; Feidenhans'l, Robert.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Correlation of iris biometrics and DNA. / Harder, Stine; Clemmensen, Line Katrine Harder; Dahl, Anders Bjorholm; Andersen, Jeppe D.; Johansen, Peter; Christoffersen, Susanne R.; Morling, Niels; Borsting, Claus; Paulsen, Rasmus Reinhold.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Data Mining—A Special Issue of Quality and Reliability Engineering International (QREI). / Li, Jing (Editor); Kulahci, Murat (Editor).
Research output: Research - peer-review › Editorial – Annual report year: 2013

DCT-Based Characterization of Milk Products Using Diffuse Reflectance Images. / Sharifzadeh, Sara; Skytte, Jacob Lercke; Clemmensen, Line Katrine Harder; Erssøll, Bjarne Kjær.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Dynamic changes in antibody levels as an early warning of Salmonella Dublin in bovine dairy herds. / Stockmarr, Anders; Bedker, Rene; Nielsen, L. R.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Effectiveness of offering keyhole labelled meals in improving the nutritional quality of lunch meals eaten in worksite canteens. / Lassen, Anne Dahl; Beck, A. M.; Leedo, E.; Andersen, Elisabeth Wreford; Christensen, T.; Mejborn, Heddie; Thorsen, Anne Vibeke; Tetens, Inge.
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Effect of fat type and heat treatment on the microstructure of meat emulsions. / Miklos, Rikke; Lametsch, René; Nielsen, Mikkel Schou; Lauridsen, Torsten; Einarsdottir, Hildur.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Effects of intraspecific variation in reproductive traits, pectoral fin use and burst swimming on metabolic rates and swimming performance in the Trinidadian guppy (Poecilia reticulata). / Svendsen, Jon Christian; Banet, Amanda I.; Christensen, Rune Haubo Bojesen; Steffensen, John F.; Aarestrup, Kim.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Multispectral Image Analysis for Robust Prediction of Astaxanthin Coating. / Ljungqvist, Martin Georg; Frosch, Stina; Nielsen, Michael Engelbrecht; Ersbøll, Bjarne Kjær. In: Applied Spectroscopy, Vol. 67, No. 7, 2013, p. 738-746. Research output: Research - peer-review › Journal article – Annual report year: 2013


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


PorkCAD: Case study of the design of a pork product prototyper. / Laursen, Lasse Farnung; Bærentzen, J. Andreas; Igarashi, T.; Petersen, Michael Kai; Clemmensen, Line Katrine Harder; Ersbøll, Bjarne Kjær; Christensen, Lars B. Proceedings of IASDR 2013. 2013. p. 1134-1. Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Quantifying Dispersal of European Culicoides (Diptera: Ceratopogonidae) Vectors between Farms Using a Novel Mark-Release-Recapture Technique. / Kirkeby, Carsten; Bækder, Rene; Stockmarr, Anders; Lind, Peter; Heegaard, Peter M. H. In: P L o S One, Vol. 8, No. 4, 2013, p. e61269.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Quantitative assessment of course evaluations. / Sliusarenko, Tamara; Erbsøll, Bjarne Kjær (Main supervisor); Clemmensen, Line Katrine Harder (Supervisor). Kgs. Lyngby: Technical University of Denmark (DTU), 2013. 196 p.
Research output: Research › Ph.D. thesis – Annual report year: 2014

Randomized controlled trial of the effects of vitamin D–fortified milk and bread on serum 25-hydroxyvitamin D concentrations in families in Denmark during winter: the VitmaD study 1-3. / Madsen, Katja Howarth; Rasmussen, Lone Banke; Andersen, Rikke; Malgaard, Christian; Jakobsen, Jette; Bjerrum, Poul J.; Andersen, Elisabeth Wreford; Mejborn, Heddie; Tetens, Inge. In: American Journal of Clinical Nutrition, Vol. 98, No. 2, 2013, p. 374-381.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Spatial abundance and clustering of Culicoides (Diptera: Ceratopogonidae) on a local scale. / Kirkeby, Carsten; Bødker, Rene; Stockmarr, Anders; Lind, Peter. In: Parasites & Vectors, Vol. 6, No. 43, 2013.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Spatio-temporal abundance of Culicoides on a local scale. / Kirkeby, Carsten; Bødker, Rene; Stockmarr, Anders; Lind, Peter. 2013. Abstract from EDENext Annual Meeting, Barcelona, Spain.
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Spatio-temporal optimization of sampling for bluetongue vectors (Culicoides) near grazing livestock. / Kirkeby, Carsten; Stockmarr, Anders; Bødker, Rene; Lind, Peter. In: Parasites & Vectors, Vol. 6, No. 1, 151, 2013.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Statistical Outlier Detection for Jury Based Grading Systems. / Thompson, Mary Kathryn; Clemmensen, Line Katrine Harder; Rosas, Harvey. 120th ASEE Annual Conference and Exhibition. American Society for Engineering Education, 2013.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Statistical Quality Assessment of Pre-fried Carrots Using Multispectral Imaging. / Sharifzadeh, Sara; Clemmensen, Line Katrine Harder; Loje, Hanne; Erbsøll, Bjarne Kjær.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Text mining in students' course evaluations: Relationships between open-ended comments and quantitative scores. / Sliusarenko, Tamara; Clemmensen, Line Katrine Harder; Erbsøll, Bjarne Kjær. CSEDU 2013 - Proceedings of the 5th International Conference on Computer Supported Education. SciTePress, 2013. p. 564-573.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

The dietary effect of serving school meals based on the new Nordic diet – A randomised controlled trial in Danish children. / Andersen, Rikke; Bitlof-Jensen, Anja Pia; Christensen, Tue; Andersen, Elisabeth Wreford; Ege, Majken; Thorsen, Anne Vibeke; Knudsen, Vibeke Kildegaaard; Dalskov, S-M.; Damsgaard, C.; Astrup, A.; Michaelson, K. F.; Tetens, Inge. In: Annals of Nutrition and Metabolism, Vol. 63, No. Suppl. 1, 2013, p. 197-198.
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013
The Effect of Rubric Rating Scale on the Evaluation of Engineering Design Projects. / Thompson, Mary Kathryn; Clemmensen, Line Katrine Harder; Ahn, Beung-uk. 
Research output: Research - peer-review; Journal article – Annual report year: 2013

The Gut Microbiotassay: a high-throughput qPCR approach combinable with next generation sequencing to study gut microbial diversity. / Hermann-Bank, Marie Louise; Skovgaard, Kerstin; Stockmarr, Anders; Larsen, Niels; Mølbak, Lars. 
Research output: Research - peer-review; Journal article – Annual report year: 2013

The range of attraction for light traps catching Culicoides biting midges. / Græsbøll, Kaare; Kirkeby, Carsten; Bødker, Rene; Stockmarr, Anders; Christiansen, Lasse Engbo; Lind, Peter. 
2013. Poster session presented at EDENext Annual Meeting, Barcelona, Spain. 
Research output: Research - peer-review; Poster – Annual report year: 2013

The range of attraction for light traps catching Culicoides biting midges. / Græsbøll, Kaare; Kirkeby, Carsten; Bødker, Rene; Stockmarr, Anders; Christiansen, Lasse Engbo; Lind, Peter. 
Research output: Research - peer-review; Poster – Annual report year: 2013

The range of attraction for light traps catching Culicoides biting midges (Diptera: Ceratopogonidae). / Kirkeby, Carsten; Græsbøll, Kaare; Stockmarr, Anders; Christiansen, Lasse Engbo; Bødker, Rene. 
Research output: Research - peer-review; Journal article – Annual report year: 2013

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. / Martinez Vega, Mabel V.; Wulfsohn, Dvoralai; Clemmensen, Line Katrine Harder; Toldam-Andersen, Torben Bo. 
Research output: Research - peer-review; Journal article – Annual report year: 2013

Using Multispectral Imaging for Spoilage Detection of Pork Meat. / Dissing, Bjørn Skovlund; Papadopoulos, Olga S.; Tassou, Chrysoval; Erbsbøll, Bjarnar Kjaer; Carstensen, Jens Michael; Panagou, Efstathios; Nychas, George-John. 
In: Food and Bioprocess Technology, Vol. 6, No. 9, 2013, 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. / Nielsen, Mikkel Schou; Miklos, Rikke; Lametsch, René; Einarsdottir, Hildur; Feidenhans'l, Robert. 
2013. Poster session presented at German-Austrian-Danish Workshop on industrial CT Scanning, München, Germany. 
Research output: Research; Poster – Annual report year: 2013

Vitamin D status among families in Denmark: Baseline data from the vitmad study. / Madsen, Katja Howarth; Mejborn, Heddie; Tetens, Inge; Andersen, Elisabeth Wreford; Mølgaard, C.; Andersen, Rikke; Rasmussen, Lone Banke. 
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, Viktor; Green-Petersen, Ditte; Megelvang-Hansen, Peter; Christensen, Rune Haubo Bojesen; Qvistgaard, Françoise; Hyldig, Grethe. 
Statistikeren skiftede spor som 49-årig. / Sølund, Sune ; Rootzén, Helle.
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2010

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

Split-plot fractional designs: Is minimum aberration enough? / Kulahci, Murat; Ramirez, Jose; Tobias, Randy.
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. / Ludvigsen, Liselotte; Albrechtsen, Hans-Jørgen; Rootzén, Helle; Christensen, Thomas Højlund.
Research output: Research - peer-review › Journal article – Annual report year: 1997