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Publications:

Chilling and freezing of fish
Publication: Research - peer-review › Book chapter – Annual report year: 2014

A model for communication of sensory quality in the seafood processing chain
Green-Petersen, D., Nielsen, J. & Hyldig, G. 2012 In : *Critical Reviews in Food Science and Nutrition*. 52, 5, p. 443-447
Publication: Research › Journal article – Annual report year: 2010

A study of traceability and quality assurance in fish supply chains
Publication: Research › Ph.D. thesis – Annual report year: 2013

Quality of frozen fish
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Sensory and quality properties of fresh, frozen and packaged fish
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Chemical processes responsible for quality deterioration in fish
Publication: Research - peer-review › Book chapter – Annual report year: 2010

Cod and rainbow trout as freeze-chilled meal elements
Jensen, L. H. S., Nielsen, J., Jørgensen, B. & Frosch, S. 2010 In : *Journal of the Science of Food and Agriculture*. 90, 3, p. 376-384
Publication: Research - peer-review › Journal article – Annual report year: 2010

Sensory quality of seafood – in the chain from catch to consumption
Publication: Research › Ph.D. thesis – Annual report year: 2010

The fish industry - toward supply chain modelling
Publication: Research - peer-review › Journal article – Annual report year: 2010

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Jensen, L. S., Nielsen, J., Jørgensen, B. & Frosch, S. 2009
Publication: Research › Poster – Annual report year: 2009
On the track of fish in three distribution networks
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

Quality effect of freeze-chilling in cod and rainbow trout
Jensen, L. H. S., Nielsen, J., Jørgensen, B. & Frosch, S. 2009
Publication: Research › Poster – Annual report year: 2009

The Danish fishing industry - towards supply chain modelling
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

The quality of cold smoked salmon: Influence of raw material and technological parameters
Publication: Research › Ph.D. thesis – Annual report year: 2007

Changes in liquid-holding capacity, water distribution and microstructure during chill storage of smoked salmon
Publication: Research - peer-review › Journal article – Annual report year: 2007

Fisk
Publication: Research - peer-review › Book chapter – Annual report year: 2007

Frossen fisk - ikke så ringe endda
Publication: Communication › Journal article – Annual report year: 2007

Quality of frozen fish
Publication: Research - peer-review › Book chapter – Annual report year: 2007

Water distribution in smoked salmon
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Sensory profiles of the most common salmon products on the Danish market
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Lipid content in herring (Clupea harengus L.) - influence of biological factors and comparison of different methods of analyses: solvent extraction, Fatmeter, NIR and NMR
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Liquid holding capacity and instrumental and sensory texture properties of herring (Clupea harengus L.) related to biological and chemical parameters
Sensory properties of marinated herring (Clupea harengus) processed from raw material from commercial landings

Water distribution and mobility in herring muscle in relation to lipid content, season, fishing ground and biological parameters

Kan forbrugeren få friske fisk fra frysedisken
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QIM - a tool for determination of fish freshness

Sensory properties of marinated herring (Clupea harengus) - influence of fishing ground and season
Nielsen, D., Hyldig, G., Nielsen, H. H. & Nielsen, J. 2004 In : Journal of Aquatic Food Product Technology. 13, 3, p. 3-24

A consumer view of frozen fish

Low-temperature transitions in cod and tuna determined by differential scanning calorimetry

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God og dårlig frossen fisk - hvorfor er der en forskel?
Jessen, F. & Nielsen, J. 2002 In : Fisk og Hav. 54, p. 16-25
Publication: Research › Journal article – Annual report year: 2002

Physiological characterisation of recombinant Aspergillus nidulans strains with different creA genotypes expressing A-oryzae alpha-amylase
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Christensen, B. & Nielsen, J. 2002 In : Biotechnology progress. 18, 2, p. 163-166
Publication: Research - peer-review › Journal article – Annual report year: 2002

Thawed chilled Barents Sea cod fillets in modified atmosphere packaging-application of multivariate data analysis to select key parameters in good manufacturing practice
Publication: Research - peer-review › Journal article – Annual report year: 2002

The simultaneous biosynthesis and uptake of amino acids by Lactococcus lactis studied by C-13-labeling experiments
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Chilling and freezing of fish and fishery products
Publication: Research - peer-review › Book chapter – Annual report year: 2001

Effects of Technological Parameters and Fishing Ground on Quality Attributes of Thawed, Chilled Cod Fillets Stored in Modified Atmosphere Packaging
Bøknæs, N., Østerberg, C., Sørensen, R., Nielsen, J. & Dalgaard, P. 2001 In : Lebensmittel-Wissenschaft und Technologie. 34, 8, p. 513-520
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Nielsen, J. 2001 In : Fiskeritidende. 8, p. 20
Publication: Research › Journal article – Annual report year: 2001

Selection and application of quality indicators to describe quality changes in thawed cod
Publication: Research › Article in proceedings – Annual report year: 2001

Sensorik på internettet
Nielsen, J. & Hyldig, G. 2001 In : Plus proces. 15, 1, p. 10-11
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Sensory quality criteria for five fish species predicted from Near-Infrared (NIR) reflectance measurement
Warm, K., Martens, H. & Nielsen, J. 2001 In : Journal of Food Quality. 24, 5, p. 389-403
Publication: Research - peer-review › Journal article – Annual report year: 2001

Influence of freshness and frozen storage temperature on quality of thawed cod fillets stored in modified atmosphere packaging
Bøknæs, N., Østerberg, C., Nielsen, J. & Dalgaard, P. 2000 In : Lebensmittel-Wissenschaft und Technologie - Food Science and Technology. 33, 3, p. 244-248
Publication: Research - peer-review › Journal article – Annual report year: 2000

Kvalitetskriterier for nye fiskeresourcer (ferske og frosne) rettet mod forbrugernes behov
Publication: Research › Report – Annual report year: 2000

Sensory quality criteria for five fish species
Warm, K., Nielsen, J., Hyldig, G. & Martens, M. 2000 In : Journal of Food Quality. 23, 6, p. 583-601
Publication: Research - peer-review › Journal article – Annual report year: 2000

The selection and pretreatment of fish
Publication: Research - peer-review › Book chapter – Annual report year: 2000

Rapid PC based sensory method
Publication: Research › Journal article – Annual report year: 1999

Synthesis and degradation of adenosine triphosphate in cod (Gadus morhua) at subzero temperatures
Cappeln, G., Nielsen, J. & Jessen, F. 1999 In : Journal of the Science of Food and Agriculture. 79, 8, p. 1099-1104
Publication: Research - peer-review › Journal article – Annual report year: 1999

Development of quality index methods for evaluation of frozen cod (Gadus morhua) and cod fillets
Warm, K., Bøknæs, N. & Nielsen, J. 1998 In : Journal of Aquatic Food Product Technology. 7, p. 45-50
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Factors affecting the quality of frozen meat and fish
Publication: Research - peer-review › Book chapter – Annual report year: 1998

Kvalitetsindikatorer - et projekt om kvalitet af frosset fisk
Publication: Research - peer-review › Book – Annual report year: 1998

Prediction of chemical, physical and sensory data from process parameters for frozen cod using multivariate analysis
Publication: Research - peer-review › Journal article – Annual report year: 1998
Sensorisk analyse af fisk og fiskeprodukter
Nielsen, J. & Warm, K. 1998 In : Fisk & hav. 48, p. 68-79
Publication: Research › Journal article – Annual report year: 1998

Sensory analysis of fish
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

Thawed cod fillets spoil less rapidly than unfrozen fillets when stored under modified atmosphere at 2 C
Guldager, H.  S., Bøknæs, N., Østerberg, C., Nielsen, J. & Dalgaard, P. 1998 In : Journal of Food Protection. 61, 9, p. 1129-1136
Publication: Research - peer-review › Journal article – Annual report year: 1998

Aqueous solutions of proline and NaCl studied by differential scanning calorimetry at subzero temperatures
Rasmussen, P. H., Jørgensen, B. & Nielsen, J. 1997 In : Thermochimica Acta. 303, 1, p. 23-30
Publication: Research - peer-review › Journal article – Annual report year: 1997

Cryoprotective properties of proline in cod muscle studied by differential scanning calorimetry
Rasmussen, P. H., Jørgensen, B. & Nielsen, J. 1997 In : CryoLetters. 18, p. 293-300
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New developments in sensory analysis for fish and fishery products
Publication: Research - peer-review › Journal article – Annual report year: 1997

Quality index method of frozen cod
Warm, K., Bøknæs, N. & Nielsen, J. 1996 In : Food Quality and Preference. 7, p. 341
Publication: Research - peer-review › Journal article – Annual report year: 1996

Projects:

SensNet
Hyldig, G. & Nielsen, J.
01/01/2009 → 30/06/2015
Project

Forbruger orienteret sensorisk kvalitets model for fisk og fiskeprodukter
Green-Petersen, D., Hyldig, G., Jørgensen, B. M., Nielsen, J., Nielsen, H. H., Brunsø, K. & Wendin, K.
01/11/2004 → 23/06/2010
Project: PhD

Måltidselementer - Optimering af produktion af distribuerede måltider
Engelund, E. H., Friis, A., Jacobsen, P., Nielsen, J., Christiansen, T. B. & Creed, P.
01/08/2003 → 30/04/2008
Project: PhD
Betydning af Lipidsammensætning og Bindevævets Stabilitet for Kvalitet af Røget Laks
Løje, H., Nielsen, J., Hylø, G., Nielsen, H. H., Søndergaard, I., Ofstad, R. & Skåra, T.
01/06/2003 → 03/09/2007
Project: PhD

Sild- denlevende ressource- Det gode produkt
01/04/2001 → 27/07/2004
Project: PhD

Kvalitet af muskelbaserede fiskeprodukter
Jensen, K. N., Nielsen, J., Jørgensen, B. M., Martens, H., Jessen, F., Frisvad, J. C. & Ofstad, R.
01/10/1998 → 17/05/2004
Project: PhD

Kvalitetsbestemmelse af frosset optøet gaspakket torsk. Modellering med teknologiske parametre
Bøknæs, N., Nielsen, J., Skov, L. D., Hægh, L., Jørgensen, B. M. & Sørensen, N. K.
01/10/1997 → ...
Project: PhD

Quality Indicators for frozen fish
Nielsen, J., Jensen, H. S., Jørgensen, B. M., Jessen, F., Jensen, K. N. & Godiksen, H.
01/01/1997 → 01/03/2002
Project