Marine phospholipids: The current understanding of their oxidation mechanisms and potential uses for food fortification. / Lu, Henna Fung Sieng; Nielsen, Nina Skall; Baron, Caroline P.; Jacobsen, Charlotte.
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Antioxidative low molecular weight compounds in marinated herring (Clupea harengus) salt brine. / Gringer, Nina; Safafar, Hamed; du Mesnildot, Axelle; Nielsen, Henrik H.; Rogowska-Wrzesinska, Adelina; Undeland, Ingrid; Baron, Caroline P.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Effect of oxygen level on the oxidative stability of two different retail pork products stored using modified atmosphere packaging (MAP). / Spanos, Dimitrios; Ann Tørngren, Mari; Christensen, Mette; Baron, Caroline P.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Salted herring brine as a coating or additive for herring (Clupea harengus) products — A source of natural antioxidants? / Albertos, Irene; Gringer, Nina; Rico, Daniel; Baron, Caroline P.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Visible spectroscopy as a tool for the assessment of storage conditions of fresh pork packaged in modified atmosphere. / Spanos, Dimitrios; Christensen, Mette; Ann Tørngren, Mari; Baron, Caroline P.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Effect of Oxygen on the Oxidation of Two Different Map Retail Pork Meat Products. / Spanos, Dimitrios; Ann Tørngren, Mari; Christensen, Mette; Baron, Caroline P.
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Quantification of biomolecules in herring (Clupea harengus) industry processing waters and their recovery using electrofloculation and ultrafiltration. / Osman, Ali; Gringer, Nina; Svendsen, Tore; Yuan, Linfeng; Hosseini, Seyed Vali; Baron, Caroline P.; Undeland, Ingrid.
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Recovery of biomolecules from marinated herring (Clupea harengus) brine using ultrafiltration through ceramic membranes. / Gringer, Nina; Hosseini, Seyed Vali; Svendsen, Tore; Undeland, Ingrid; Christensen, Morten Lykkegaard; Baron, Caroline P.
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Analysis of protein carbonylation - pitfalls and promise in commonly used methods. / Rogowska-Wrzesinska, A.; Wojdyla, K.; Nedic, O.; Baron, Caroline P.; Griffith, H. R.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Antioxidant activities and functional properties of protein and peptide fractions isolated from salted herring brine. / Taheri, Ali; Farvin, Sabeena; Jacobsen, Charlotte; Baron, Caroline P.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Chemical Characterization, Antioxidant and Enzymatic Activity of Brines from Scandinavian Marinated Herring Products. / Gringer, Nina; Osman, Ali; Nielsen, Henrik Hauch; Undeland, Ingrid; Baron, Caroline P.
Influence of dietary lipid and protein sources on the sensory quality of organic rainbow trout (Oncorhynchus mykiss) after ice storage. / Green-Petersen, Ditte; Hyldig, Grethe; Jacobsen, Charlotte; Baron, Caroline P.; Lund, Ivar; Nielsen, Henrik Hauch; Jokumsen, Alfred.

Minimising protein oxidation in retail-packed minced beef using three-gas MA-packaging. / Spanos, Dimitrios; Baussa Cano, Laura; Baron, Caroline P.; Ann Tørngren, Mari.

Protein oxidation in aquatic foods. / Baron, Caroline P.

Ability of silybin and its derivatives to prevent protein oxidation in different model systems. / Purchartová, K.; Baron, C.P.; Křen, V.
In: Free Radical Biology and Medicine, Vol. 65, No. Supplement 1, 2013, p. 44.

Aqfood international master programme: sharing knowledge and experience with distance teaching & learning. / Baron, Caroline P.; Dalgaard, Paw; Pettersson, Andreas; Lekang, Odd Ivar; Olafsdóttir, Guðrún; Rustad, Turid.

Determining the impact of oxidation on the motility of single muscle-fibres expressing different myosin isoforms. / Spanos, Dimitrios; Li, M.; Baron, Caroline P.; Larsson, L.

Homogenization Pressure and Temperature Affect Protein Partitioning and Oxidative Stability of Emulsions. / Horn, Anna Frisenfeldt; Barouh, Nathalie; Nielsen, Nina Skall; Baron, Caroline P.; Jacobsen, Charlotte.

Impact of primary amine group from aminophospholipids and amino acids on marine phospholipids stability: Non-enzymatic browning and lipid oxidation. / Lu, Henna Fung Sieng; Nielsen, Nina Skall; Baron, Caroline P.; Diehl, B. W. K.; Jacobsen, Charlotte.

Organic plant ingredients in the diet of Rainbow trout (Oncorhynchus mykiss): Impact on fish muscle composition and oxidative stability. / Baron, Caroline P.; Svendsen, Gry Hougaard; Lund, Ivar; Jokumsen, Alfred; Nielsen, Henrik Hauch; Jacobsen, Charlotte.

Oxidative changes during ice storage of rainbow trout (Oncorhynchus mykiss) fed different ratios of marine and vegetable feed ingredients. / Timm Heinrich, Maike; Eymard, Sylvie; Baron, Caroline P.; Nielsen, Henrik Hauch; Jacobsen, Charlotte.
The effect of protein and lipid source in organic feed for (organic) rainbow trout on sensory quality. / Green-Petersen, Ditte; Hyldig, Grethe; Jacobsen, Charlotte; Baron, Caroline P.; Jokumsen, Alfred; Lund, Ivar; Nielsen, Henrik Hauch.
2012. Poster session presented at EuroSense 2012 Fifth European Conference on Sensory and Consumer research, Berne, Switzerland.
Research output: Contribution to conference » Poster – Annual report year: 2012 » Research

Feed composition and oxidative stability of rainbow trout during frozen storage. / Jacobsen, C.; Hyldig, G.; Baron, Caroline P.
Research output: Contribution to journal » Journal article – Annual report year: 2011 » Research » peer-review

Oxidative stability of frozen mackerel batches – A multivariate data analysis approach. / Helbo Ekgreen, M.; Frosch, Stina; Baron, Caroline Pascale.
Research output: Chapter in Book/Report/Conference proceeding » Conference abstract in proceedings – Annual report year: 2011 » Research

Oxidative stability of marine phospholipids. / Lu, Henna Fung Sieng; Nielsen, Nina Skall; Baron, Caroline Pascale; Jacobsen, Charlotte.
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 2011 » Research

Protein oxidation in muscle foods: A review. / Lund, Marianne; Heinonen, Marina; Baron, Caroline P.; Estevez, Mario.
Research output: Contribution to journal » Journal article – Annual report year: 2010 » Research » peer-review

Storage stability of marine phospholipids emulsions. / Lu, Henna Fung Sieng; Nielsen, Nina Skall; Baron, Caroline Pascale; Jacobsen, Charlotte.
2011. Abstract from 102nd AOCS Annual Meeting & Expo, Cincinnati, Ohio, USA.
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 2011 » Research

Textural and biochemical changes during ripening of old-fashioned salted herrings. / Christensen, Mette; Andersen, Eva; Christensen, Line; Andersen, Mogens L.; Baron, Caroline P.
Research output: Contribution to journal » Journal article – Annual report year: 2011 » Research » peer-review

The effect of protein and lipid source in organic feed for (organic) rainbow trout on sensory quality. / Hyldig, Grethe; Green-Petersen, Ditte; Jacobsen, Charlotte; Baron, Caroline Pascale; Jokumsen, Alfred; Lund, Ivar; Nielsen, Henrik Hauch.
Research output: Chapter in Book/Report/Conference proceeding » Conference abstract in proceedings – Annual report year: 2011 » Research

The effects of feed composition on the sensory quality of organic rainbow trout during ice storage. / Green-Pedersen, Ditte; Hyldig, Grethe; Jacobsen, Charlotte; Baron, Caroline P.; Nielsen, Henrik.
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 2011 » Research

Antioxidant activity of yoghurt peptides: Part 2 – Characterisation of peptide fractions. / Farvin, Sabeena; Baron, Caroline; Nielsen, Nina Skall; Otte, Jeanette; Jacobsen, Charlotte.
Research output: Contribution to journal » Journal article – Annual report year: 2010 » Research » peer-review
Evaluation of lipid and protein oxidation during processing and storage of fatty fish mince. / Eymard, Sylvie; Baron, Caroline; Jacobsen, Charlotte.
2007. Abstract from European Congress of Chemical Engineering - 6, Copenhagen, Denmark.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research

Evaluation of lipid and protein oxidation during processing and storage of fatty fish mince. / Eymard, Sylvie; Baron, Caroline; Jacobsen, Charlotte.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research

Homogenization conditions affect the oxidative stability of fish oil enriched milk emulsions: Oxidation linked to changes in protein composition at the oil-water interface. / Sørensen, Ann-Dorit Moltke; Baron, Caroline; Bruni Let, Mette; Brüggemann, Dagmar Adeline; Pedersen, L.R.L.; Jacobsen, Charlotte.
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Nitrosylmyoglobin as antioxidant-kinetics and proposed mechanism for reduction of hydroperoxides. / Baron, Caroline; Møller, J.K.S.; Skibsted, L.H.; Andersen, H.J.
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Protection of lipid and protein fractions during processing and storage of horse mackerel paste. / Eymard, Sylvie; Baron, Caroline; Jacobsen, Charlotte.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research

Protein and lipid oxidation during frozen storage of rainbow trout (Oncorhynchus mykiss). / Baron, Caroline; Kjærsgård, Inger Vibeke Holst; Jessen, Flemming; Jacobsen, Charlotte.
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Protein and lipid oxidation in frozen rainbow trout. / Baron, Caroline; Kjærsgård, Inger Vibeke Holst; Jessen, Flemming; Jacobsen, Charlotte.
European Congress of Chemical Engineering (ECCE-6), Copenhagen, 16-20 September 2007. 2007.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2007 › Research

Effect of homogenisations condition on the composition on the fat globule membrane and oxidative stability in omega-3 enriched milk. / Sørensen, Ann-Dorit Moltke; Baron, Caroline; Bruni Let, Mette; Jacobsen, Charlotte.
AOCS annual meeting, St. Louis, Ohio, Missouri, May 2006. 2006.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2006 › Research

Evaluation of oxidative stability during processing and storage of fatty fish mince. / Eymard, Sylvie; Baron, Caroline; Jacobsen, Charlotte.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2006 › Research

Identification of carbonylated proteins in frozen rainbow trout (Oncorhynchus mykiss) fillets and development of protein oxidation during frozen storage. / Kjærsgård, Inger Vibeke Holst; Nerrelykke, M.R.; Baron, Caroline; Jessen, Flemming.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Oxidation of bovine serum albumin initiated by the Fenton reaction-effect of EDTA, tert-butyldihydroperoxide and tetrahydrofuran. / Baron, Caroline; Refsgaard, H.H.F.; Skibsted, L.H.; Andersen, M.L.
Oxidation of sarcoplasmic proteins from rainbow trout fed different diets. / Baron, Caroline; Pham, K.A.; Jacobsen, Charlotte.
IFT annual meeting, Orlando, USA, June 2006. 2006.

Protein and lipid oxidation during frozen storage of rainbow trout. / Baron, Caroline; Kjærgård, Inger Vibeke Holst; Jessen, Flemming; Jacobsen, Charlotte.

Evaluation of activity of selected antioxidants on proteins in solution and in emulsions. / Baron, Caroline; Berner, Lis; Skibsted, L.H.; Refsgaard, H.H.F.

UV treatment of fishmeal: A method to remove dioxins? / Baron, Caroline; Berresen, Torger; Jacobsen, Charlotte.

Cleavage of desmin by cysteine proteases: Calpains and cathepsin B. / Baron, Caroline; Jacobsen, S.; Purslow, P.P.

Effect of astaxanthin and canthaxanthin on lipid and protein oxidation of fish feed exposed to UVA. / Baron, Caroline; Berner, Lis; Jacobsen, Charlotte.

Concentration effects in myoglobin-catalyzed peroxidation of linoleate. / Baron, Caroline P.; Skibsted, Leif H.; Andersen, Henrik J.

Myoglobin-induced lipid oxidation: A review. / Baron, Caroline; Andersen, H.J.

Patterns of variation in enzyme activity and cytoskeletal proteolysis in muscle. / Purslow, P. P.; Ertnbjerg, P.; Baron, Caroline P.; Christensen, M.; Lawson, M. A.

Peroxidation of linoleate at physiological pH: Hemichrome formation by substrate binding protects against metmyoglobin activation by hydrogen peroxide. / Baron, Caroline P.; Skibsted, Leif H.; Andersen, Henrik J.

Direct measurement of lipid peroxidation in oil-in-water emulsions using multiwavelength derivative UV-spectroscopy. / Baron, Caroline P.; Bro, Rasmus; Skibsted, Leif H.; Andersen, Henrik J.
Prooxidative activity of myoglobin species in linoleic acid emulsions. / Baron, Caroline P.; Skibsted, Leif H.; Andersen, Henrik J.
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Production, isolation and partial characterization of a lipase-esterase from Pediococcus pentosaceus SV61. / Ostdal, H.; Baron, Caroline P.; Blom, H.; Andersen, Henrik J.
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review