Research outputs:

Can solubility be used to predict availability? The example of zinc, selenium and manganese in salmon diets
Research output: Contribution to conference › Poster – Annual report year: 2019 › Research › peer-review

Characteization of 17 elements in ten edible seaweed species from Greenland
Research output: Contribution to conference › Poster – Annual report year: 2019 › Research › peer-review

Cytokine Profile in Patients with Aseptic Loosening of Total Hip Replacements and Its Relation to Metal Release and Metal Allergy
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Evaluation of lead, mercury, cadmium and arsenic accumulation, and fatty acids' profile in muscle and cephalothorax of Parapenaeus longirostris (Mediterranean shrimp) and of Pandalus borealis (northern shrimp)
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Mice with epidermal filaggrin deficiency show increased immune reactivity to nickel
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Occupational allergic contact dermatitis caused by cobalt in machine oil
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Report on collaborative trial Animal Feedingstuffs – Determination of inorganic arsenic in animal feed by anion-exchange HPLC-ICPMS
Research output: Book/Report › Report – Annual report year: 2019 › Commissioned

Short-term effect of the New Nordic Renal Diet on phosphorus homeostasis in chronic kidney disease Stages 3 and 4
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Speciation of zinc in fish feed by size exclusion chromatography coupled to inductively coupled plasma mass spectrometry – using fractional factorial design for method optimisation and mild extraction conditions
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Selenium and selenium species in feeds and muscle tissue of Atlantic salmon
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review
An electroplated copper–silver alloy as antibacterial coating on stainless steel
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

A study of selenoproteins in atlantic salmon (Salmo salar) using hyphenated mass spectrometry and bioinformatics
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2018 › Research › peer-review

Detection and characterisation of aluminium-containing nanoparticles in Chinese noodles by single particle ICP-MS
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Effects of steaming on contaminants of emerging concern levels in seafood
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Iodine in seaweed - occurrence, speciation, bioavailability and risk assessment
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2018 › Research › peer-review

Macro and trace elements in Paracentrotus lividus gonads from South West Atlantic areas
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Oral bioaccessibility of toxic and essential elements in raw and cooked commercial seafood species available in European markets
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Seaweeds – a sustainable food resource from Greenland
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2018 › Research › peer-review

The influence of microplastics and halogenated contaminants in feed on toxicokinetics and gene expression in European seabass (Dicentrarchus labrax)
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Assessing the effects of seawater temperature and pH on the bioaccumulation of emerging chemical contaminants in marine bivalves
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Bioaccessibility of contaminants of emerging concern in raw and cooked commercial seafood species: insights for food safety risk assessment
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Bioavailability of emerging contaminants in seafood
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Can seafood safety be compromised in the ocean of tomorrow?
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Carryover of CH$_3$Hg from feed to sea bass and salmon
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research
Carryover of methylmercury from feed to seabass and salmon
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Effect of cooking on levels of contaminants of emerging concern in commercial seafood
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Effects of industrial processing on essential elements and regulated and emerging contaminant levels in seafood
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Effects of industrial processing on regulated and emerging contaminant levels in seafood
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Exploration of the phycoremediation potential of Laminaria digitata towards diflubenzuron, lindane, copper and cadmium in a multitrophic pilot-scale experiment
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Iodine in seaweed - occurrence, speciation, bioavailability and risk assessment
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Phycoremediation of diflubenzuron, lindane, copper and cadmium potential by Laminaria digitata
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Phycoremediation potential of brown macroalgae species Saccharina latissimi and Laminaria digitata towards inorganic arsenic in a multitrophic pilot-scale experiment
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Phycoremediation potential of brown macroalgae species Saccharina latissimi and Laminaria digitata towards inorganic arsenic in a multitrophic pilot-scale experiment
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research › peer-review

Report on collaborative trial: Animal feedingstuffs – Determination of iodine in animal feed by ICPMS
Research output: Book/Report › Report – Annual report year: 2017 › Commissioned

Risk assessment of methylmercury in five European countries considering the national seafood consumption patterns
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

The influence of microplastic inclusion in feed on carryover of environmental pollutants from feed to seabass and salmon
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Toxic metals in European Ulva spp. – evaluation of potential use in food and feed applications
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research › peer-review

Accuracy of a method based on atomic absorption spectrometry to determine inorganic arsenic in food: Outcome of the collaborative trial IMEP-41
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review
Introduction of regulations for arsenic in feed and food with emphasis on inorganic arsenic, and implications for analytical chemistry
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

L’Arsenico nei prodotti della pesca lagunare in un’area estrattivo-industriale
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Toxic elements and speciation in seafood samples from different contaminated sites in Europe
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Arsenic-containing fatty acids and hydrocarbons in marine oils - Determination using reversed-phase HPLC-ICP-MS and HPLC-qTOF-MS
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Arsenolipids in marine samples – Status and analytical challenges
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

Bioavailability of cadmium: Results from in-vivo and in-vitro studies using cocoa and linseeds
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Bioavailability of cadmium from linseed and cocoa
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

Bioavailability of cadmium from linseed and cocoa: A LOUS follow-up project
Research output: Book/Report › Report – Annual report year: 2014 › Research

Determination of iodine and iodine compounds in marine samples by ICPMS and HPLC-ICPMS
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

Iodine excretion has decreased in Denmark between 2004 and 2010 - the importance of iodine content in milk
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Iodine in marine samples: Determination of iodine and iodine compounds in marine samples by ICPMS and HPLC-ICPMS
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Iodine in marine samples - Determination of Iodine and Iodine Compounds in Marine Samples by ICPMS and HPLC-ICPMS
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Review of arsenic contamination, exposure through water and food and low cost mitigation options for rural areas
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Total and inorganic As in seafood products caught in an environment facing a mining and industrial area in Sardinia (Italy)
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review
Occurrence and sorption properties of arsenicals in marine sediments
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Speciation of arsenic by IC-ICP-MS: future standard method and its application on baby food samples
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

SPE HG-AAS method for the determination of inorganic arsenic in rice—results from method validation studies and a survey on rice products
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Total and inorganic arsenic in dietary supplements based on herbs, other botanicals and algae—a possible contributor to inorganic arsenic exposure
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Arsenolipids in fish oil determined by GC-ICPMS
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research › peer-review

Arsenolipids in marine oils and fats: A review of occurrence, chemistry and future research needs
Research output: Contribution to journal › Review – Annual report year: 2012 › Research › peer-review

Bioopløselighed af arsen i jord fra gamle frugtplantager: Miljøprojekt nr. 1446, 2012
Research output: Contribution to journal › Book/Report › Report – Annual report year: 2012 › Research

Danske kemikere til konference om plasmaspektrokemi
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research

Determination of Arsenic Species in Marine Samples using Cation Exchange HPLC-ICP-MS
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review

Determination of Inorganic Arsenic in Rice by Anion Exchange HPLC-ICP-MS
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review

Development and validation of an SPE HG-AAS method for determination of inorganic arsenic in samples of marine origin
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Humans seem to produce arsenobetaine and dimethylarsinate after a bolus dose of seafood
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

ICP-MS and HPLC-ICP-MS for large scale monitoring of total arsenic and inorganic arsenic in Norwegian seafood
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research › peer-review

ICPMS as an element-specific detector for the analysis of trace element species and nanoparticles
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research

Is it possible to agree on a value for inorganic arsenic in food? The outcome of IMEP-112
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review
Major and minor arsenic compounds accounting for the total urinary excretion of arsenic following intake of blue mussels (Mytilus edulis): A controlled human study
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Quantitative Characterization of Gold Nanoparticles by Field-Flow Fractionation (FFF) Coupled On-Line with Light Scattering Detection and ICP-MS
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review

Speciation analysis of trace elements in foodstuffs by HPLC- and GC-ICPMS
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research

Specific Migration of Organotin Compounds from Food Contact Materials — Selective Determination by GC-ICP-MS
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review

The CONffIDENCE project - The outcome of WP3 on heavy metals
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research

Total and inorganic arsenic in fish samples from Norwegian waters.
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

A novel speciation alternative for the determination of inorganic arsenic in marine samples
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research

A novel speciation alternative for the determination of inorganic arsenic in marine samples
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research

Arsenic Exposure from Seafood Consumption
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2011 › Research › peer-review

CONffIDENCE WP3 – Rapid and cost-effective test for heavy metals in the food chain
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research

Course on Advanced Analytical Chemistry and Chromatography
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2011 › Research › peer-review

Does the determination of inorganic arsenic in rice depend on the method?
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice (vol 7, 16, 2010)
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Heavy metals in feed - Current regulation, risk assessment, methods of analysis, examples and future trends
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2011 › Research

IMEP-32: Determination of inorganic arsenic in animal feed of marine origin: A Collaborative Trial Report
Research output: Book/Report › Report – Annual report year: 2012 › Research

Mercury speciation analysis in marine samples by HPLC-ICPMS
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research
Novel developments and future needs in methods of analysis for trace element species in food and feed control
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2011 › Research

Performance of laboratories in speciation analysis in seafood – Case of methylmercury and inorganic arsenic
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Quantitative Characterization of Gold Nanoparticles by Field-Flow Fractionation Coupled Online with Light Scattering Detection and Inductively Coupled Plasma Mass Spectrometry
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Speciation analysis of trace elements in food and feed - status and future developments
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research

Speciation analysis of trace elements in relation to food and feed control - status and future developments
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2011 › Research

Speciation of arsenic and mercury in feed: why and how?
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Speciation of Heavy Metals - an important parameter for risk assessment of feed and food safety in aquaculture
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2011 › Research

Arsenic speciation in marine samples – focus on shellfish and seafood safety
Research output: Contribution to conference › Poster – Annual report year: 2010 › Research

Arsenolipids in fish oils
Research output: Contribution to conference › Poster – Annual report year: 2010 › Research

Arsenolipids in seafood
Research output: Contribution to conference › Poster – Annual report year: 2010 › Research

Determination of inorganic arsenic by MAE-SPE-HG-AAS -A simple and inexpensive speciation alternative
Research output: Contribution to conference › Poster – Annual report year: 2010 › Research

Determination of inorganic arsenic - food and feed
Research output: Contribution to conference › Paper – Annual report year: 2010 › Research

Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Metal accumulation and food safety in wastewater-fed aquatic production systems in Hanoi, Vietnam. Risk assessment of the human dietary intake of different elements
Research output: Book/Report › Report – Annual report year: 2010 › Research › peer-review

Rapid Methods for Metal Speciation
Research output: Contribution to conference › Paper – Annual report year: 2010 › Research

Stability of arsenic compounds in seafood samples during processing and storage by freezing
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review
The role of GC-ICPMS in food analysis applications
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2010 › Research

AFF-MALS-ICP-MS and electron microscopy for the characterization of nanoparticles in biological studies
Research output: Contribution to conference › Poster – Annual report year: 2009 › Research

Analytical Platform for Characterization of Inorganic Nanoparticles: Combination of Field Flow Fraction, Light Scattering Detection and Inorganic Mass Spectrometry
Research output: Contribution to conference › Poster – Annual report year: 2009 › Research

Detection and characterisation of nanoparticles by field flow fractionation (FFF) using multi-angle light scattering (MALS) and ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research

Determination of inorganic arsenic in food and feed by MAE-SPE-HG-AAS – a simple, inexpensive and fast speciation alternative
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2009 › Education

Determination of inorganic arsenic in food and feed by MAE-SPE-HG-AAS-A simple, inexpensive and fast speciation alternative
Research output: Contribution to conference › Poster – Annual report year: 2009 › Research

Heavy metal speciation. How and why?
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2009 › Research

Seafood og kemisk fødevaresikkerhed - classics og newcomers
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2009 › Communication

Speciation issues in food control - are we ready?
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research

Trace Element Speciation Analysis - recent and future trends in food analysis
Research output: Contribution to conference › Paper – Annual report year: 2009 › Research

Absorption, Excretion, and Retention of Selenium From a High Selenium Yeast in Men With a High Intake of Selenium
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Arsen-grænseværdier i fiskeolie skal undersøges
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Communication

Metal In Food – Et forskningsprojekt om forurening af fødevarer med metaller under produktion
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2008 › Research

Migration of organotin compounds from food contact materials – selective determination using GC-ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2008 › Research

Possibly enhanced Gd-excretion in dialysate, but no clinical benefit of 3-5 months treatment with sodium thiosulfate in nephrogenic systemic fibrosis
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Speciation analysis of arsenic and tin by LC- or GC-ICPMS – food safety aspects
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2008 › Research
Survey of pesticide residues in table grapes: Determination of processing factors, intake and risk assessment
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Survey on organotin compounds in Danish seafood using GC-ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research

Arsenic exposure from seafood in healthy adult Norwegians - a randomized controlled diet trial
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Arsen i fiskeolje som føringsrediens til oppdrettsfisk - en ny utfordring?
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Arsen i fiskeolje som føringsrediens til oppdrettsfisk – en ny utfordring?
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Communication

of inorganic arsenic in blue mussel (Mytilus edulis L) from the Norwegian coastline – impact on seafood safety
Research output: Contribution to conference › Poster – Annual report year: 2006 › Research

Prevention of cancer by intervention with selenium (PRECISE) pilot trial: Selenium in nails, plasma and whole blood as biomarkers of yeast-selenium intake
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

Survey of organotin compounds in seafood from Denmark by GC-ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

The occurrence of arsenic in food and feed and toxicological implications
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

Toxic compounds and farmed salmon
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

Uptake and speciation of selenium in garlic cultivated in soil amended with symbiotic fungi (mycorrhiza) and selenate
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Determination of inorganic arsenic in white fish using microwave-assisted alkaline alcoholic sample dissolution and HPLC-ICP-MS
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Is seawater a reliable source of iodine for Atlantic halibut (Hippoglossus hippoglossus L.)?
Research output: Contribution to conference › Poster – Annual report year: 2005 › Research

Report on three aliphatic dimethylarsinoyl compounds as common minor constituents in marine samples. An investigation using high-performance liquid chromatography inductively coupled plasma mass spectrometry and electrospray ionisation tandem mass spectrometry
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Report on three dimethylarsinoylarsenicals as common minor constituents in seafood samples. An investigation using HPLC-ICP-MS and ESI-MS-MS, Rapid Communications in Mass Spectrometry
Research output: Book/Report › Report – Annual report year: 2005 › Research

Speciation analysis of arsenic – Development of selective methodologies for assessment of seafood safety
Research output: Book/Report › Doctoral thesis – Annual report year: 2005 › Research
Survey of inorganic arsenic in marine animals and marine certified reference materials by anion exchange high-performance liquid chromatography-inductively coupled plasma mass spectrometry
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Total arsenic and inorganic arsenic content in Norwegian fish feed products
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Arsenic speciation analysis – emphasis on inorganic arsenic in seafood
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2004 › Research

Selective arsenic speciation analysis of human urine reference materials using gradient elution ion-exchange HPLC-ICP-MS
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Selenium From a High Se Yeast Supplement Is Well Absorbed and Retained in Humans
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research

Specieringsanalyse i sjømat ved bruk av HPLC og GC koblet til ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2004 › Research

Arsenic speciation analysis using HPLC coupled to ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2004 › Research › peer-review

Arsenic species in marine samples
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2004 › Research

Determination of arsenic species in marine CRMs by ion-exchange HPLC-ICPMS – emphasis on minor constituents
Research output: Contribution to conference › Poster – Annual report year: 2003 › Research

Determination of organoarsenic species in marine samples using gradient elution cation exchange HPLC-ICP-MS
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

Determination of total selenium and Se-77 in isotopically enriched human samples by ICP-dynamic reaction cell-MS
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

Investigation on the arsenic content in processed seafood
Research output: Contribution to conference › Poster – Annual report year: 2003 › Research

Selenium speciation and isotope composition in 77Se-enriched yeast using gradient elution HPLC separation and ICP-dynamic reaction cell-MS
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

Arsenic speciation in marine samples by cation-exchange HPLC-ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2002 › Research

Arsenic speciation in marine samples by cation-exchange HPLC-ICPMS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2002 › Research

Arsenic speciation in marine samples by cation-exchange HPLC-ICPMS
Research output: Contribution to conference › Poster – Annual report year: 2002 › Research
Determination of Selenium and the 77Se Fraction in Human Serum, Urine and Faeces
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2002 › Research

Analyse af sporelementer i levnedsmidler ved ICP-DRC-MS
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Communication

Den dynamiske reaktionscelle
Research output: Contribution to conference › Poster – Annual report year: 2000 › Research

Den dynamiske reaktionscelle – nye muligheder og udfordringer for ICPMS-teknikken
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2000 › Research

Determination of trace elements using ICP-DRC-MS
Research output: Contribution to conference › Poster – Annual report year: 2000 › Research

The application of inductively coupled plasma dynamic reaction cell mass spectrometry for measurement of selenium isotopes, isotope ratios and chromatographic detection of selenoamino acids
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Multielementbestemmelse ved HR-ICP-MS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1997 › Research

Determination of Ultra-trace Amounts of Arsenic(III) by Flow Injection Hydride Generation Atomic Absorption Spectrometry with On-line Preconcentration by Coprecipitation with Lanthanum Hydroxide or Hafnium Hydroxide
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

Determination of Ultra-Trace Amounts of Selenium(IV) by Flow Injection Hydride Generation Atomic Absorption Spectrometry with On-line Preconcentration by Co-precipitation with Lanthanum Hydroxide. Part II. On-line Addition of Coprecipitating Agent
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

Projects:

Thermal Processing of Seaweeds and the Effects on Quality and Safety
Project: PhD

Metals, arsenic and arsenic species in novel marine feed resources
Project: PhD

SEAFOOD-TOMORROW: Nutritious, safe and sustainable seafood for consumers of tomorrow. EU-H2020-project with 35 participants
Project: Research

Ultra-trace speciation analysis of chromium in foodstuff by high performance liquid chromatography coupled to inductively coupled plasma mass spectrometry using species specific isotope dilution (CHROSPID)
Project: PhD

Extraction and characterisation of highly bioactive ingredients from Nordic marine algae
Project: PhD
Toksikologiske effekter af akkumulering af nanopartikler i leveren
Project: PhD

Development and characterization of nano-microstructures as carrier for bioactive compounds
Project: PhD

Udvikling af bæredygtige innovative fødevareingredienser på basis af ørredrestprodukter
Project: Research

Metal Release by Corrosion and Wear in the Food Industry
Project: Research

Organotin compounds in food contact materials
Project: Research

Udvikling af bæredygtige innovative fødevareingredienser på basis af ørredrestprodukter
Project: Research

ECSafeSEAFOOD. Priority environmental contaminants in seafood: safety assessment, impact and public perception
Project: Research

Biosynthesis of cancer-preventive organoselenium compounds by metabolically engineered yeast (YESSEL)
Project: Research

Metal Release by Corrosion and Wear in the Food Industry
Project: Research

Analytical characterization of nanoparticles
Project: Research

Contaminants in food and feed: Inexpensive detection for control of exposure (CONffIDENCE)
Project: Research

Arsenollipids in fish oil, fish feed, fish and other seafood
Project: Research

Organotin compounds in food contact materials
Project: Research

Organotin speciation in seafood
Project: Research

Arsenic speciation in seafood
Project: Research

Content, bioavailability and health effects of trace elements and bioactive components in organic agricultural systems
Project: Research

Selenium speciation and bioavailability
Project: Research
Prevention of Cancer by Intervention with Selenium (PRECISE)
Project: Research

Activities:

Iodine in seaweed
Activity: Talks and presentations › Conference presentations

Application of seaweeds in food and feed - analysis of toxic elements and implications for food/feed safety
Activity: Talks and presentations › Conference presentations

Fractional factorial design to assess zinc speciation in Atlantic salmon (Salmo salar) feeds
Activity: Talks and presentations › Conference presentations

Arsenic compounds in foodstuffs – the importance of speciation analysis for food safety assessment
Activity: Talks and presentations › Conference presentations

Determination of iodine and inorganic arsenic in feed: analytical methods and risk assessment
Activity: Talks and presentations › Conference presentations

International Feed Conference
Activity: Attending an event › Participating in or organising a conference

Inorganic arsenic in food and feed – the journey from research to legislation and standardization of methods
Activity: Talks and presentations › Conference presentations

Toxic trace elements in seaweed – occurrence, analysis and food safety assessment
Activity: Talks and presentations › Conference presentations

The complex natural chemistry of arsenic – analytical challenges and implications on food safety
Activity: Talks and presentations › Conference presentations

Use of seaweed in food and feed – implications for food/feed safety
Activity: Talks and presentations › Conference presentations

Nordic conference on plasmaspectrochemistry
Activity: Attending an event › Participating in or organising a conference

Examples of use of Agilent 8800 ICP-QQQ in food research - speciation analysis and nanoparticle characterisation
Activity: Talks and presentations › Conference presentations

Food Analysis Congress
Activity: Attending an event › Participating in or organising a conference

Arsenic compounds in foodstuffs – recent developments in speciation analysis and food safety assessment
Activity: Talks and presentations › Conference presentations

An update on the analysis of lipid-soluble arsenic compounds in marine oils – new compounds and new challenges
Activity: Talks and presentations › Conference presentations
Speciation analysis of lipid-soluble arsenic compounds (arsenolipids) in marine oils – new compounds and new challenges  
Activity: Talks and presentations › Conference presentations

7th Nordic Conference on Plasma Spectrochemistry  
Activity: Attending an event › Participating in or organising a conference

5th International IUPAC Symposium for Trace Elements in Food  
Activity: Attending an event › Participating in or organising a conference

Iodine in seaweed  
Activity: Talks and presentations › Conference presentations

Arsenic speciation in food – current status on standardization of methods for specific determination of inorganic arsenic  
Activity: Talks and presentations › Conference presentations

Determination of inorganic arsenic in food and feed – European initiatives in research and standardization of methods  
Activity: Talks and presentations › Conference presentations

Arsenic speciation in food – emphasis on inorganic arsenic  
Activity: Talks and presentations › Conference presentations

5th International Symposium on Recent Advances in Food Analysis (RAFA): Inorganic arsenic determined by SPE separation and AAS detection - a novel speciation approach  
Activity: Talks and presentations › Conference presentations

Arsenic speciation in food and feed, CRL Speciation training course  
Activity: Talks and presentations › Conference presentations

Lipid-soluble contaminants  
Activity: Talks and presentations › Conference presentations

Speciation analysis of trace elements by HPLC- and GC-ICPMS, Danish Society for Analytical Chemistry  
Activity: Talks and presentations › Conference presentations

Arsen i marine prøver  
Activity: Talks and presentations › Conference presentations

Metalpartikler i fødevaren – hvordan kan det måles?  
Activity: Talks and presentations › Conference presentations

Tungmetaller i fødevarer  
Activity: Talks and presentations › Conference presentations

Activity: Talks and presentations › Conference presentations

Specieringsanalyser av arsen i sjømat ved HPLC-ICPMS  
Activity: Talks and presentations › Conference presentations

Fødevaresikkerhed for blødskallede krabber  
Activity: Talks and presentations › Conference presentations
CEN TC275 WG10 Foodstuffs - Expert group on Elements and their chemical Species (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

European Committee for Standardization (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Fra råstof til færdigvare – hvordan analyseres for spormængder af metal i fødevarer
Activity: Talks and presentations › Conference presentations

Toksiske stoffer i fisk, DIFRES seminar
Activity: Talks and presentations › Conference presentations

Speciation and bioavailability of inorganic arsenic, selenium and iodine in food. Co-author.
Activity: Talks and presentations › Conference presentations

Speciation analysis by HPLC-ICP-MS
Activity: Other

Selenium speciation and isotope abundance measurements in intrinsically 77Se-labelled yeast and human samples by HPLC with detection by ICP-DRC-MS and ES-MS. Co-author.
Activity: Talks and presentations › Conference presentations

2002 Winter Conference on Plasma Spectrochemistry
Activity: Talks and presentations › Conference presentations

The use of dynamic reaction cell ICP-MS and ES-MS for selenium isotope analysis and speciation in biological materials
Activity: Talks and presentations › Conference presentations

2000 Winter Conference on Plasma Spectrochemistry
Activity: Talks and presentations › Conference presentations

Press clippings:

Inorganic arsenic, arsenolipids, iodine – tracking future feed controls
Press/Media: Press / Media

CEN standard for arsenik
Press/Media: Press / Media

Europæisk standard metode (CEN) Uorganisk arsen i fødevarer
Press/Media: Press / Media

Nanopartikler i fødevarer
Press/Media: Press / Media