Research outputs:

Baltic Fucus vesiculosus as potential bio-sorbent for Zn removal: Mechanism insight
Research output: Contribution to journal › Journal article – Annual report year: 2020 › Research › peer-review

Antioxidant content and activity of the seaweed Saccharina latissima: a seasonal perspective
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Biochemical and Nutritional Composition of Industrial Red Seaweed Used in Carrageenan Production
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

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

Source, extraction, characterization and applications of novel antioxidants from seaweed.
Research output: Contribution to journal › Review – Annual report year: 2019 › Research › peer-review

The seasonal variation in nitrogen, amino acid, protein and nitrogen-to-protein conversion factors of commercially cultivated Faroese Saccharina latissima
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Biomass composition of Arthrospira platensis during cultivation on industrial process water and harvesting
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Controlling oxidation in skin care products with novel seaweed antioxidants
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

Controlling oxidation in skin care products with novel seaweed antioxidants
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

Controlling oxidation in skin care products with novel seaweed antioxidants
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2018 › Research

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
Sorption of fluorescent polystyrene microplastic particles to edible seaweed Fucus vesiculosus
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

The global status of seaweed production, trade and utilization
Research output: Book/Report › Report – Annual report year: 2018 › Research › peer-review

Adsorption of microplastics to the edible Fucus vesiculosus and possible wash off before food application
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

Antioxidant composition and activity of seaweed Saccharina latissima: a seasonal perspective
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

Effect of nitrogen source and acclimatization on specific growth rates of microalgae determined by a high throughput in vivo microplate autofluorescence method
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research › peer-review

Functional ingredients from brown algae Saccharina latissima for cosmetic application
Research output: Contribution to conference › Conference abstract for conference – 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

Is nitrogen-to-protein conversion factor for seaweed dependent on season?
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

Natural Antioxidants Derived from Seaweed Material
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

Natural antioxidants derived from seaweed material
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Nitrogen-to-protein conversion factor of seaweed varies with season
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

Variation in growth, yield and protein concentration in Saccharina latissima (Laminariales, Phaeophyceae) cultivated with different wave and current exposures in the Faroe Islands
Research output: Contribution to journal › Conference article – Annual report year: 2017 › Research › peer-review

Bioactive compounds in industrial red seaweed used in carrageenan production
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Enhancement of Protein and Pigment Content in Two Chlorella Species Cultivated on Industrial Process Water
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review
Er tang fremtidens superfood?
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Evaluation of minerals and vitamins in the Danish cultivated sugar kelp
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Extraction of alginate from Sargassum muticum: process optimization and study of its functional activities
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

High-EPA Biomass from Nannochloropsis salina Cultivated in a Flat-Panel Photo-Bioreactor on a Process Water-Enriched Growth Medium
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Nutrient compensation as management tool– Sugar kelp production in sustainable aquaculture
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Recent developments on biofuels production from microalgae and macroalgae
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Seasonal variations of antioxidants in the brown seaweed Saccharina latissima
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

The inner Danish waters as suitable seaweed cultivation area- evaluation of abiotic factors
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Variation in growth and quality of Saccharina latissima cultivated in the Faroe Islands
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Bioremediation Potential of Sugarkelp, Saccharina Latissima, Cultivated in a Commercial Off-Shore Integrated Multi-Trophic Aquaculture
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research › peer-review

Commercial cultivation and bioremediation potential of sugar kelp, Saccharina latissima, in Danish waters
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Effect of nitrogen source and acclimatization on specific growth rates of microalgae determined by a high-throughput in vivo microplate autofluorescence method
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Evaluation of the Danish cultivated sugarkelp as possible future source of ingredients such as minerals and pigments
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Lipids and Composition of Fatty Acids of Saccharina latissima Cultivated Year-round in Integrated Multi-trophic Aquaculture
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review
Microalgal bioremediation of nutrients in wastewater and production of food/feed ingredients
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Seasonal Amino Acid Profile and Nutritional Value of Saccharina Latissima in a Commercial IMTA System
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research

Seasonal variations in the amino acid profile and protein nutritional value of Saccharina latissima cultivated in a commercial IMTA system
Research output: Contribution to journal › Conference article – Annual report year: 2015 › Research › peer-review

Seaweed potentials – evaluation of year-round biomass composition of commercial cultivated sugarkelp- results from project KOMBI
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

The Commercial IMTA and Future Seaweed Biofilter Potential in Denmark
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2015 › Research

The extraction of nutrients from a danish fish farm (oncorhynchus mykiss) by mussels (mytilus edulis) and sugar kelp (laminaria saccharina): integrated multi-trophic aquaculture
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

A novel closed system bubble column photobioreactor for detailed characterisation of micro- and macroalgal growth
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Cost-effective IMTA: a comparison of the production efficiencies of mussels and seaweed
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Effective harvesting of the microalgae Chlorella protothecoides via bioflocculation with cationic starch.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Integrated multi-trophic aquaculture (combined production of fish, mussels and seaweed)
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

Microplate-based method for high-throughput screening of microalgae growth potential
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Optimization of extraction process of crude alginate from Sargassum muticum by response surface methodology
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

A novel closed system bubble column photobioreactor for detailed characterisation of micro and macroalgal growth
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Cost-effective IMTA: a comparison of the production efficiencies of mussels and seaweed
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Development and evaluation of a fast screening method of microalgal performance using microplates
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review
Development of an algal wastewater treatment concept, based on the selection of microalgal strains with optimal bioextraction characteristics
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Growth of Saccharina and Palmaria compared to chemical and physical parameters in the inner Danish waters
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

High effective harvesting of microalgae Chlorella prothotocoides via flocculation with cationic starch
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Increasing the precision of microplate measurements of algal growth rate
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Life Cycle Assessment of a brown seaweed-based third-generation biorefinery process
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Life cycle assessment of biofuel production from brown seaweed in Nordic conditions
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Microalgae Biorefinery - Industrial Symbiosis
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Algal eating habits of phycologists attending the ISAP Halifax Conference and members of the general public
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Green macroalgae for biomitigation of nutrients, purification of biogas and energy production
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research

Microalgal Cultivation at Kalundborg Municipal Wastewater Treatment Facility
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research › peer-review

Screening and Optimization of Case Specific Sustainable Mixotrophic Microalgal Medium
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Bioactive compounds in seaweed; functional food applications and legislation
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Cultivation of the green macroalgae Ulva lactuca and Ulvaria splendens for biofuels production
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research

High rate algal biomass production for food, biochemistrys and Biofuels: An Indo-Danish collaboration project.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

Tang kan både dyrkes og fanges: Billeder i Fiskeritidende den 16. juni 2011
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2011 › Research

Nutrient reduction in aquaculture waste by macroalgae production
Algal cultivation: a “new” resource for biorefinery
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2010 › Research

Phenolic composition and in vitro antioxidant activities of selected species of seaweeds from Danish coast.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research › peer-review

Tang - sundt for krop og klima
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Communication

Rejection of unsuitable substrata a potential driver of aggregated settlement in the barnacle Balanus improvisus
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Projects:

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

Novel microalgae based ingredients
Project: PhD

Greenland seaweeds for human consumption
Project: Research

Danske tangressourcer i spil- til fødevarer, foder og som en håndsrækning til havmiljøet
Project: Research

PROVIDE - Protein valorization through informatics, hydrolysis, and separation
Project: Research

TangMatch International
Project: Research

Danish Seaweed Organisation
Project: Research

Valorization of red seaweed biomasses towards future sustainability (VALSEA), Multiextraction of Bioactive Compounds from Macroalgae
Project: Research

Valorization of red seaweed biomasses towards future sustainability (VALSEA), Multiextraction of Bioactive Compounds from Macroalgae
Project: PhD

Optimization of processes, yield and biomass composition in large scale macroalgal cultivation in open ocean environments
Project: PhD

Algal biofilter optimization near fish farm
Project: PhD
Kombinationsopdræt af havbrugfisk, tang, muslinger til foder og konsum  
Project: Research

TANGMATCH  
Project: Research

High value protein products in seaweed  
Project: Research

Quality manual for producing Laminaria species for the Asian market  
Project: Research

Activities:

Is Europe ready for seaweed?  
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Seaweed for Health Conference  
Activity: Attending an event › Participating in or organising a conference

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

Adsorption of microplastics to the edible Fucus vesiculosus and possible wash off before food application  
Activity: Talks and presentations › Conference presentations

Seaweed at stake  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Antioxidant composition and activity of seaweed Saccharina latissima: a seasonal perspective  
Activity: Talks and presentations › Conference presentations

Is nitrogen-to-protein conversion factor for seaweed dependent on season?  
Activity: Talks and presentations › Conference presentations

Danish Seaweed Organisation (DSO) (External organisation)  
Activity: Membership › Board duties in companies, associations, or public organisations

Eureka Scientific Inc (External organisation)  
Activity: Membership › Membership in review committee

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

Journal of Applied Phycology (Journal)  
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Seaweed Matchmaking  
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations
Seaweed Matchmaking
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

22nd International Seaweed Symposium
Activity: Attending an event › Participating in or organising a conference

International Seaweed Association Council (ISAC) (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

EU COST (External organisation)
Activity: Membership › Membership of research networks or expert groups

Norwegian project MACROSEA (External organisation)
Activity: Membership › Membership of research networks or expert groups

The United States - Israel Binational Agricultural Research and Development Fund (External organisation)
Activity: Membership › Membership in review committee

TEACH FOOD seminar
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Danish complaints board of Nature and Environment (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

EU COST (External organisation)
Activity: Membership › Membership in review committee

National Food Institute (Organisational unit)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Scandinavian Culture Collection of Algae and Protozoa (SCCAP) (External organisation)
Activity: Membership › Board duties in companies, associations, or public organisations

DTU Sustain Conference 2014
Activity: Talks and presentations › Conference presentations

4th Nordic Seaweed Conference
Activity: Talks and presentations › Conference presentations

5th Congress of the International Society for Applied Phycology
Activity: Talks and presentations › Conference presentations

5th Congress of the International Society for Applied Phycology
Activity: Talks and presentations › Conference presentations

5th Congress of the International Society for Applied Phycology
Activity: Talks and presentations › Conference presentations

The Commercial IMTA and future seaweed biofilter potential in Denmark
Activity: Talks and presentations › Conference presentations
Current Nutrition & Food Science (Journal)
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Safety and Health Effects of Aquatic Food
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Tang og multitrofisk produktion
Activity: Talks and presentations › Conference presentations

Innovations konference
Activity: Talks and presentations › Conference presentations

International Conference on Algal Biorefinery
Activity: Attending an event › Participating in or organising a conference

Botanica Marina (Journal)
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Aquatic Food Product Technology (Journal)
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Swiss National Science Foundation SNF (External organisation)
Activity: Membership › Membership in review committee

New Uses and Possibilities for Seaweed
Activity: Talks and presentations › Conference presentations

Food Chemistry (Journal)
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Applied Marine Biology
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Applied Phycology
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Biomass & Bioenergy (Journal)
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Marine Aquaculture
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Press clippings:

Udvikling af standard for brug af alger i kosmetik
Press/Media: Press / Media

Tangs uudnyttede potentielle
Press/Media: Press / Media
Tang
Press/Media: Press / Media

Tid til tang
Press/Media: Press / Media

Tang og populariteten i DK- inkl Nordisk Tang by Endelaves produkter
Press/Media: Press / Media

Tang-Havets grøntsag
Press/Media: Press / Media

Alger kan blive big business for Danmark
Press/Media: Press / Media

Alger er fremtidens biofabrikker
Press/Media: Press / Media

Tang
Press/Media: Press / Media

Danskere vil sælge tang i Kina
Press/Media: Press / Media

Tangdyrkning opskalering i Danmark
Press/Media: Press / Media

Vild med tang
Press/Media: Press / Media

Christina Kabel
Press/Media: Press / Media

Tang nu og i fremtiden
Press/Media: Press / Media

Tang-stank på stranden i Snekkersten
Press/Media: Press / Media

Den dag Europa kom til Kalunborg
Press/Media: Press / Media

Millioner til tang
Press/Media: Press / Media

Alge-biorafinaderi
Press/Media: Press / Media

Tang til sushi og salat: Tang er havets grøntsag og en ny afgrøde i Danmark
Press/Media: Press / Media
Havets grønbrune guld
Press/Media: Press / Media

En overset guldgrube
Press/Media: Press / Media

Søsalat og fedtemøg baner vej for fremtidige havlandmænd
Press/Media: Press / Media

Tang kan både dyrkes og fanges
Press/Media: Press / Media

Tang
Press/Media: Press / Media

Tang
Press/Media: Press / Media

Tangnørd i Lyngby Storcenter på Forskningens Døgn
Press/Media: Press / Media

Dansk tang
Press/Media: Press / Media

Dyrkning af tang i Danmark
Press/Media: Press / Media

Udsætning af hjertemuslinger ved Omø
Press/Media: Press / Media