Alfred Jokumsen - DTU Orbit (22/08/2019)

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Research outputs:

Aquaculture production systems and environmental interactions
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

Boldness in early emerging rainbow trout: A metabolic cost with no return?
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Nordic Centre of Excellence Network in Fishmeal and Fish oil
Research output: Book/Report › Report – Annual report year: 2019 › Research › peer-review

Nutrition in relation to organic aquaculture: Sources and strategies
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

Proactive coping style in early emerging rainbow trout carries a metabolic cost with no apparent return
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Assessing stakeholder's experience and sensitivity on key issues for the economic growth of organic aquaculture production
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Confirmation that pulse and continuous peracetic acid administration does not disrupt the acute stress response in rainbow trout
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Interplay between daily rhythmic serum-mediated bacterial killing activity and immune defence factors in rainbow trout (Oncorhynchus mykiss)
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Stress and disease resilience differences related to emergence time for first feeding in farmed rainbow trout (Oncorhynchus mykiss)
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Crosstalk between innate immunity and circadian rhythm: Do fish immune defences have a sense of time?
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research
Emergence time and skin melanin spot patterns do not correlate with growth performance, social competitive ability or stress response in farmed rainbow trout
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Los pros y los contras del percarbonato de sodio
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research

The pros and cons of sodium percarbonate
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research

A holistich approach to provide recommendations for potential updates of the EU organic aquaculture regulation
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research

Denmark – European champion in organic rainbow trout
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research

Feed requirements in organic aquaculture
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

Final Report on Aquaculture (Part C)
Research output: Book/Report › Report – Annual report year: 2016 › Research

Organic extractive aquaculture state of the art and challenges
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

Stress-resilience differences related to emergence time in farmed rainbow trout
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

Stress-resilience differences related to emergence time in rainbow trout
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

The relation between EU regulation on organic aquaculture and scientific knowledge on production systems
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

Boom for økologiske linemuslinger
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2016 › Communication

Boom in production of organic line mussels in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research

Boosting the quality of organic trout fry
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research

Challenges in sourcing of feed ingredients for organic production of carnivorous Fish
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

Consumer perception and scientific knowledge of stocking density in organic aquaculture
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

Costs and benefits of farming fish with selected behavioural and physiological traits
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research
Danish focus on organic fry
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2015 › Research

Danish organic mussel production boom
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research

Fiskeød på Sig Fiskeri 2011-2012: Redegørelse til brug ved Sig Fiskeris retslige søgsmål mod Naturstyrelsen
Research output: Book/Report › Report – Annual report year: 2015 › Research › peer-review

Organic Trout Ova/Fry is already available from Danish Hatcheries
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research

Organic Trout Ova/Fry is already available from Danish Hatcheries
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research

Peracetic acid products expand sanitizing, organic water treatment options
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research

Robust fiskeyngel en nødvendighed
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2015 › Research

The relation between EU regulations on organic aquaculture and scientific knowledge of different welfare issues
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research

Udvikling af dansk økologisk yngelopdræt
Research output: Book/Report › Report – Annual report year: 2015 › Research

Certificering af ål og andre mindre arter
Research output: Book/Report › Report – Annual report year: 2014 › Research

European Commission: Final report on aquaculture (part A)
Research output: Book/Report › Report – Annual report year: 2014 › Commissioned

European Commission: Final report on aquaculture (part B)
Research output: Book/Report › Report – Annual report year: 2014 › Commissioned

Feasibility case study in Belarus on the feasibility of Danish recirculation technology
Research output: Book/Report › Report – Annual report year: 2014 › Research

Feasibility study guidelines to implement innovative land-based farm concepts
Research output: Book/Report › Report – Annual report year: 2014 › Research

Influence of dietary lipid and protein sources on the sensory quality of organic rainbow trout (Oncorhynchus mykiss) after ice storage
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Research output: Book/Report › Report – Annual report year: 2014 › Research
Robustfish: New possibilities for growth and robustness in organic aquaculture
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research

Background paper on aquaculture research
Research output: Book/Report › Report – Annual report year: 2013 › Research

Effects of organic plant oils and role of oxidation on nutrient utilization in juvenile rainbow trout (Oncorhynchus mykiss)
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Nutritional value of mussel meal in fish feed: a sustainable, high-quality protein source
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research

Organic plant ingredients in the diet of Rainbow trout (Oncorhynchus mykiss): Impact on fish muscle composition and oxidative stability
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Effects of stocking density and sustained aerobic exercise on growth, energetics and welfare of rainbow trout
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Global certificering. Implementering af global certificering (Aquaculture Stewardship Council – ASC) for regnbueørred samt vurdering af bæredygtig certificering af andre arter
Research output: Book/Report › Report – Annual report year: 2012 › Research

The effect of protein and lipid source in organic feed for (organic) rainbow trout on sensory quality
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research

The effects of stocking density and low level sustained exercise on the energetic efficiency of rainbow trout (Oncorhynchus mykiss) reared at 19°C
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Time-dependent changes in protein expression in rainbow trout muscle following hypoxia
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Effects of rearing density and water current on the respiratory physiology and haematology in rainbow trout, Oncorhynchus mykiss at high temperature
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Moderate exercise of rainbow trout induces only minor differences in fatty acid profile, texture, white muscle fibres and proximate chemical composition of fillets
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Økologisk akvakultur – Fra niche til vækstområde
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research

Økologisk akvakultur – Fra niche til vækstområde
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research

Økologisk fiskeproduktion (ORAQUA)
Research output: Chapter in Book/Report/Conference proceeding › Report chapter – Annual report year: 2012 › Communication

Replacement of fish meal with a matrix of organic plant proteins in organic trout (Oncorhynchus mykiss) feed, and the effects on nutrient utilization and fish performance
Proteinafgrøder til økologiske regnbueørreder (Oncorhynchus mykiss)
Research output: Contribution to conference › Poster – Annual report year: 2009 › Research

Fleres økologiske fisk
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research

Forskning i plantefod til økologiske fisk
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research

Improved digestibility and growth in selected families of rainbow trout (Oncorhynchus mykiss)
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research › peer-review

Proteinfoder til økologiske ørreder
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research

Aspects of respiratory physiology and energetics in rainbow trout (Oncorhynchus mykiss) families with different size-at-age and condition factor
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Perspektiver for økologisk fiskeopdræt i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research

Sensory characterization of different families of farmed rainbow trout
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2007 › Research

Avisprogram for regnbueørred i Danmark
Research output: Book/Report › Report – Annual report year: 2006 › Research

Avisprogram for regnbueørred i Danmark: Bilagsrapport
Research output: Book/Report › Report – Annual report year: 2006 › Research

Gennembrud for økologiske fisk
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

Økologisk fiskeopdræt: Rapport fra en vidensyntese om udviklingsmuligheder inden for økologisk fiskeopdræt i Danmark
Research output: Book/Report › Report – Annual report year: 2006 › Research

Perspektiver for avisarbejde i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

Perspektiver for avisarbejde i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

Vidensyntese om økologisk fiskeopdræt
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

La production aquacole durable au Danemark
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research
Selective breeding provides an approach to increase resistance of rainbow trout (Onchorhynchus mykiss) to the diseases, enteric redmouth disease, rainbow trout fry syndrome, and viral haemorrhagic septicaemia.

Ny struktur for Dansk Ørredavl

Sustainable aquaculture production in Denmark

Avisarbejde kan øge sygdomsresistens hos regnbueørred


Ørreder med 6% højere tilvækst på avlsstationen

Forskning og udvikling inden for dansk akvakultur

Genetic variation for growth rate, feed conversion efficiency, and disease resistance exists within a farmed population of rainbow trout

Nyt fra avlsstationen - Salg af øjenæg

Udredning vedrørende vandforbrug ved produktion af regnbueørreder i danske dambrug

Aqua flow - til glæde for opdrættere: Formidling af forskningsresultater

Avisarbejde på regnbueørred i Danmark

Information fra Dansk Ørredavl

Resultater fra akvakulturforskning og teknologisk udvikling under EU-støttede forskningsprogrammer: Aquaflow II

Første spadestik til avlsstationen

Optimal ratio between digestible protein and digestible energy in feed for European sea bass (Dicentrarchus labrax)
Resultater fra akvakulturforskning og teknologisk udvikling under EU-støttede forskningsprogrammer
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research

Avisstation ved Nordsøcentret
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Communication

Effect of replacement of fish meal by potato protein concentrate in the diet for rainbow trout on feeding rate, digestibility and growth
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Information om akvakulturforskningen
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research

Nyt om avlsstationen
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Communication

Resultater fra akvakulturforskning og teknologisk udvikling under EU-støttede forskningsprogrammer
Research output: Book/Report › Report – Annual report year: 1999 › Research

Effects of dietary incorporation of potato protein concentrate and supplementation of methionine on growth and feed utilization of rainbow trout
Research output: Contribution to journal › Journal article – Annual report year: 1998 › Research › peer-review

Incorporation of potato protein concentrate in diets for rainbow trout: effect on feed intake, growth and feed utilization
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Projects:

Future growth in sustainable, resilient and climate friendly organic and conventional European aquaculture (FutureEUAqua) (39567)
Project: Research

Nordic Centre of Excellence Network in Fishmeal and Fish oil (39496)
Project: Research

Green switch in Danish Aquaculture by changeover to recirculation (GODAOR) (39462)
Project: Research

Helpdesk for aquaculture (HelpDesk) (38696)
Project: Research

Development of educational opportunities for Danish aquaculture (39157)
Project: Research

Welfare in farmed rainbow trout, social and environmental preferences
Project: PhD

New approaches and methods to improve the removal of dissolved nutrients in aquaculture
Project: PhD
Efficient and innovative fish production via best available technology (RAS2020) (39328)
Project: Research

New possibilities for growth and robustness in organic aquaculture (ROBUSTFISH) (39159)
Project: Research

Organic line mussels – Securing availability for the consumers (ØKOMUS) (39155)
Project: Research

European organic aquaculture - Science-based recommendations for further development of the EU regulatory framework and to underpin future growth in the sector (OrAqua) (39131)
Project: Research

Pilot certification of freshwater farms and sea cages (Aquaculture Stewardship Council – ASC) (39041)
Project: Research

Development of a strategy for aquaculture in the Baltic Sea Region (38978) (BESTAQ)
Project: Research

MISTRA Working Group for Aquaculture Research in Sweden (38977)
Project: Research

Certification of eel and other minor species (38952)
Project: Research

Organic Fry-1: Development of Danish farming of organic trout fry (38951)
Project: Research

Aquaponics NOMA (Nordic Marine) – New innovations for sustainable aquaculture in the Nordic countries (38987)
Project: Research

Implementation of Global Certification (Aquaculture Stewardship Council - ASC) for rainbow trout and assessment of sustainable certification of new species (38809)
Project: Research

Further development of Danish organic aquaculture (ØKOAKVA-1) (38806)
Project: Research

Strategies to improve health and welfare in rainbow trout farming (38193)
Project: Research

Innovative practices and technologies for developing sustainable aquaculture in the Baltic Sea region (AQUABEST) (38924)
Project: Research

Activities:

The effect of dietary fatty acid content on rainbow trout fry robustness towards Flavobacterium psychrophilum
Activity: Talks and presentations › Conference presentations