Alfred Jokumsen - DTU Orbit (15/07/2018)

Alfred Jokumsen  
Senior Adviser  
National Institute of Aquatic Resources  
Section for Aquaculture  

Postal address:  
Willemoesvej 2  
null, null  
9850  
Hirtshals  
Denmark  
Email: ajo@aqua.dtu.dk  
Phone: 35883257  
Mobile: 21362785  

Publications:

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

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

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

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

Crosstalk between innate immunity and circadian rhythm: Do fish immune defences have a sense of time?  
Publication: Research › Poster – Annual report year: 2017

Emergence time and skin melanin spot patterns do not correlate with growth performance, social competitive ability or stress response in farmed rainbow trout  
Publication: Research - peer-review › Journal article – Annual report year: 2017

Los pros y los contras del percarbonato de sodio  
Publication: Research › Journal article – Annual report year: 2017

The pros and cons of sodium percarbonate  
Publication: Research › Journal article – Annual report year: 2017

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

Denmark – European champion in organic rainbow trout  
Publication: Research › Journal article – Annual report year: 2016

Feed requirements in organic aquaculture  
Publication: Research › Conference abstract for conference – Annual report year: 2016
Final Report on Aquaculture (Part C)
Publication: Research › Report – Annual report year: 2016

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

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

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

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

Boom for økologiske linemuslinger
Publication: Communication › Internet publication – Annual report year: 2016

Boom in production of organic line mussels in Denmark
Publication: Research › Journal article – Annual report year: 2015

Boosting the quality of organic trout fry
Publication: Research › Journal article – Annual report year: 2015

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

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

Costs and benefits of farming fish with selected behavioural and physiological traits
Publication: Research › Conference abstract for conference – Annual report year: 2015

Danish focus on organic fry
Publication: Research › Internet publication – Annual report year: 2015

Danish organic mussel production boom
Publication: Research › Journal article – Annual report year: 2015

Fiskedød på Sig Fiskeri 2011-2012: Redegørelse til brug ved Sig Fiskeris retsige søgsmål mod Naturstyrelsen
Publication: Research - peer-review › Report – Annual report year: 2015

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

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

Peracetic acid products expand sanitizing, organic water treatment options
Publication: Research › Journal article – Annual report year: 2015
Robustfiskængel og nødvendighed
Publication: Research › Internet publication – Annual report year: 2015

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

Udvikling af dansk økologisk yngelopdræt
Publication: Research › Report – Annual report year: 2015

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

European Commission: Final report on aquaculture (part A)
Publication: Commissioned › Report – Annual report year: 2014

European Commission: Final report on aquaculture (part B)
Publication: Commissioned › Report – Annual report year: 2014

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

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

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

Publication: Research › Report – Annual report year: 2014

Robustfish: New possibilities for growth and robustness in organic aquaculture
Publication: Research › Poster – Annual report year: 2014

Background paper on aquaculture research
Publication: Research › Report – Annual report year: 2013

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

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

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

Effects of stocking density and sustained aerobic exercise on growth, energetics and welfare of rainbow trout
Publication: Research - peer-review › Journal article – Annual report year: 2011
Global certificering. Implementering af global certificering (Aquaculture Stewardship Council – ASC) for regnbueørred samt vurdering af bæredygtig certificering af andre arter
Publication: Research › Report – Annual report year: 2012

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

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

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

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

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

Økologisk akvakultur – Fra niche til vækstområde
Publication: Research › Journal article – Annual report year: 2011

Økologisk akvakultur – Fra niche til vækstområde
Publication: Research › Journal article – Annual report year: 2011

Økologisk fiskeproduktion (ORAQUA)
Publication: Communication › Report chapter – Annual report year: 2012

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
Publication: Research - peer-review › Journal article – Annual report year: 2011

The effect of protein and lipid source in organic feed for (organic) rainbow trout on sensory quality
Publication: Research › Conference abstract in proceedings – Annual report year: 2011

Akvakultur – Nye udfordringer og nye muligheder
Publication: Research › Journal article – Annual report year: 2010

Farming of freshwater rainbow trout in Denmark
Publication: Research › Report – Annual report year: 2010

Hestebønne-, ærte- og raps-protein samt hørfrøolie i foder til økologiske fisk
Publication: Research › Journal article – Annual report year: 2010

Horse bean-, pea- and rape protein and flax seed oil in feed for organic trout
Publication: Research › Journal article – Annual report year: 2010

Opdræt af regnbueørred i Danmark
Publication: Research › Report – Annual report year: 2010
Organic vegetable proteins and oil in feed for organic rainbow trout (Oncorhynchus mykiss)
Publication: Research › Poster – Annual report year: 2010

A scientific perspective on key impacts in different production systems
Publication: Research › Conference abstract for conference – Annual report year: 2009

Can increased water velocities improve quality of farmed rainbow trout
Publication: Research › Conference abstract for conference – Annual report year: 2009

Danish model trout farms – Technology and environmental Impact
Publication: Research › Conference abstract for conference – Annual report year: 2009

Digestibility in selected rainbow trout families and relation to growth and feed utilisation
Publication: Research › Conference abstract for conference – Annual report year: 2009

Effects of stocking density on the energetics and welfare of rainbow trout
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2009

Multivariate data analysis of 2 DE data: Time dependent changes in protein expression in rainbow trout following hypoxia
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2009

New methods in trout farming to reduce the farm effluents - Case study in Denmark
Publication: Research - peer-review › Book chapter – Annual report year: 2009

Proteinafgrøder til økologiske fisk
Publication: Communication › Newspaper article – Annual report year: 2009

Proteinafgrøder til økologiske regnbueørreder (Oncorhynchus mykiss)
Publication: Research › Poster – Annual report year: 2009

Flere økologiske fisk
Publication: Research › Journal article – Annual report year: 2008

Forskning i plantefod til økologiske fisk
Publication: Research › Journal article – Annual report year: 2008

Improved digestibility and growth in selected families of rainbow trout (Oncorhynchus mykiss)
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Proteinfoder til økologiske ørreder
Publication: Research › Journal article – Annual report year: 2008

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

Perspektiver for økologisk fiskeopdræt i Danmark
Publication: Research › Journal article – Annual report year: 2007
Sensory characterization of different families of farmed rainbow trout
Publication: Research › Conference abstract in proceedings – Annual report year: 2007

Avisprogram for regnbueørred i Danmark
Publication: Research › Report – Annual report year: 2006

Avisprogram for regnbueørred i Danmark: Bilagrapport
Publication: Research › Report – Annual report year: 2006

Gennembrud for økologiske fisk
Publication: Research › Journal article – Annual report year: 2006

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

Perspektiver for avlsarbejde i Danmark
Publication: Research › Journal article – Annual report year: 2006

Perspektiver for avlsarbejde i Danmark
Publication: Research › Journal article – Annual report year: 2006

Vidensyntese om økologisk fiskeopdræt
Publication: Research › Journal article – Annual report year: 2006

La production aquacole durable au Danemark
Publication: Research › Journal article – Annual report year: 2005

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
Publication: Research - peer-review › Journal article – Annual report year: 2005

Ny struktur for Dansk Ørredavl
Publication: Communication › Journal article – Annual report year: 2004

Sustainable aquaculture production in Denmark
Publication: Research › Journal article – Annual report year: 2004

Avisarbejde kan øge sygdomsresistens hos regnbueørred
Publication: Research › Journal article – Annual report year: 2003

Publication: Research › Report – Annual report year: 2003

Ørreder med 6% højere tilvækst på avlsstationen
Publication: Research › Journal article – Annual report year: 2003

Forskning og udvikling inden for dansk akvakultur
Publication: Research › Book chapter – Annual report year: 2002
Genetic variation for growth rate, feed conversion efficiency, and disease resistance exists within a farmed population of rainbow trout
Publication: Research - peer-review › Journal article – Annual report year: 2002

Nyt fra avlstationen - Salg af øjenæg
Publication: Research › Journal article – Annual report year: 2002

Udredning vedrørende vandforbrug ved produktion af regnbueørreder i danske dambrug
Publication: Research › Report – Annual report year: 2002

Aqua flow - til glæde for opdrættere : Formidling af forskningsresultater
Publication: Research › Journal article – Annual report year: 2001

Avisarbejde på regnbueørred i Danmark
Publication: Research › Journal article – Annual report year: 2001

Information fra Dansk Ørredavl
Publication: Communication › Journal article – Annual report year: 2001

Resultater fra akvakulturforskning og teknologisk udvikling under EU-støttede forskningsprogrammer : Aquaflow II
Publication: Research › Report – Annual report year: 2001

Første spadestik til avlstationen
Publication: Communication › Journal article – Annual report year: 2000

Optimal ratio between digestible protein and digestible energy in feed for European sea bass (Dicentrarchus labrax)
Publication: Research › Conference abstract in proceedings – Annual report year: 2000

Resultater fra akvakulturforskning og teknologisk udvikling under EU-støttede forskningsprogrammer
Publication: Research › Journal article – Annual report year: 2000

Avisstation ved Nordsøcentret
Publication: Communication › Journal article – Annual report year: 1999

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

Information om akvakulturforsknigen
Publication: Research › Journal article – Annual report year: 1999

Nyt om avisstationen
Publication: Communication › Journal article – Annual report year: 1999

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

Effects of dietary incorporation of potato protein concentrate and supplementation of methionine on growth and feed utilization of rainbow trout
Publication: Research - peer-review › Journal article – Annual report year: 1998
Incorporation of potato protein concentrate in diets for rainbow trout: effect on feed intake, growth and feed utilization

Publication: Research - peer-review › Journal article – Annual report year: 1997

Projects:

Efficient and innovative fish production via best available technology (RAS2020) (39328)

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

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

Development of educational opportunities for Danish aquaculture (39157)

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

New approaches and methods to improve the removal of dissolved nutrients in aquaculture

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

MISTRA Working Group for Aquaculture Research in Sweden (38977)

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

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

Certification of eel and other minor species (38952)

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

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

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

Welfare in farmed rainbow trout, social and environmental preferences

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

Helpdesk for aquaculture (HelpDesk) (38696)
Project

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

Activities:

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