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Publications:

Denitrification in saltwater recirculating aquaculture systems (RAS) using an up-flow sludge bed reactor (USB)
Publication: Research › Conference abstract in proceedings – Annual report year: 2017

"End-of-Pipe treatment" y "residual resource"
Publication: Research › Journal article – Annual report year: 2017

Performance of a marine activated sludge system for N removal using external and internal carbon sources
Publication: Research › Conference abstract in proceedings – Annual report year: 2017

The composition of readily available carbon sources produced by fermentation of fish faeces is affected by dietary protein:energy ratios
Publication: Research - peer-review › Journal article – Annual report year: 2017

Transforming waste into new resources: optimizing sludge hydrolysis to improve nitrogen removal in aquaculture through denitrification
Publication: Research › Ph.D. thesis – Annual report year: 2017

Anaerobic digestion of solid waste in RAS: Effect of reactor type on the biochemical acidogenic potential (BAP) and assessment of the biochemical methane potential (BMP) by a batch assay
Publication: Research - peer-review › Journal article – Annual report year: 2015

Feed composition affects sludge as a resource for denitrification
Publication: Research › Conference abstract in proceedings – Annual report year: 2015

Reducing the dietary protein: Energy (P: E) ratio changes solubilization and fermentation of rainbow trout (Oncorhynchus mykiss) faeces
Publication: Research - peer-review › Journal article – Annual report year: 2015

Single-sludge denitrification in recirculating aquaculture systems: effects of pre-fermentation and pH
Publication: Research - peer-review › Journal article – Annual report year: 2016

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

Effects of dietary protein: energy ratios on hydrolysis and fermentation of faecal solids from rainbow trout (Oncorhynchus mykiss) for denitrification
Publication: Research › Conference abstract for conference – Annual report year: 2014
Single-sludge denitrification in recirculating aquaculture systems: Effects of pre-fermentation and pH
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

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

Projects:

Cost efficient solutions for reducing the waste discharged in land-based marine recirculating aquaculture systems (WASTE-TREAT) (39190)
Project

Environmentally effective nitrogen removal in fish farming using sludge hydrolysis (wiN-wiN) (39119)
Project

Optimized sludge hydrolysis and improved nitrogen removal through denitrification
Project: PhD

Development of sustainable technologies and modeling tools in aquaculture aiming at increasing overall production (UDTÆNK) (39030)
Project

Marine model trout farms (38816)
Project