Cathrine Heinz Ingvordsen

Publications:

How a 10-day heatwave impacts barley grain yield when superimposed onto future levels of temperature and CO₂ as single and combined factors
Publication: Research - peer-review › Journal article – Annual report year: 2018

Concurrent elevation of CO₂, O₃ and temperature severely affects oil quality and quantity in rapeseed
Publication: Research - peer-review › Journal article – Annual report year: 2016

Grain protein concentration and harvestable protein under future climate conditions. A study of 108 spring barley accessions
Publication: Research - peer-review › Journal article – Annual report year: 2016

The fundament of food, crop protein production, is threatened by climate change
Publication: Research - peer-review › Internet publication – Annual report year: 2016

A 10-day heatwave at flowering superimposed on climate change conditions strongly affects production of 22 barley accessions
Publication: Research › Poster – Annual report year: 2015

A 10-days heatwave around flowering superimposed on climate change conditions significantly affects production of 22 barley accessions
Publication: Research - peer-review › Journal article – Annual report year: 2015

Eco-efficient production of spring barley in a changed climate: A Life Cycle Assessment including primary data from future climate scenarios
Publication: Research - peer-review › Journal article – Annual report year: 2015

Genome-wide association study of production and stability traits in barley cultivated under future climate scenarios
Publication: Research - peer-review › Journal article – Annual report year: 2015

GWAS of Barley Phenotypes Established Under Future Climate Conditions of Elevated Temperature, CO₂, O₃ and Elevated Temperature and CO₂ Combined
Publication: Research - peer-review › Journal article – Annual report year: 2015

How to manage uncertainty in future Life Cycle Assessment (LCA) scenarios addressing the effect of climate change in crop production
Publication: Research - peer-review › Journal article – Annual report year: 2015

Jagten på fremtidens planter - ændringer i klimaet udfordre produktivitet og kvalitet
Publication: Research › Journal article – Annual report year: 2015

LCA as a decision support tool in policy making: the case study of Danish spring barley production in a changed climate
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Significant decrease in yield under future climate conditions: Stability and production of 138 spring barley accessions
Publication: Research - peer-review › Journal article – Annual report year: 2015
Significant reductions in oil quality and lipid content of oilseed rape (*Brassica napus* L.) under climate change
Publication: Research › Poster – Annual report year: 2015

Climate Change Effects to Plant Ecosystems - Genetic Resources for Future Barley Breeding
Publication: Research › Ph.D. thesis – Annual report year: 2014

How to define future LCA scenarios addressing the effect of climate change in crop production: Extended abstract
Publication: Research › peer-review › Conference abstract for conference – Annual report year: 2014

LCA as a support tool for forecasting scenarios: the case study of Danish spring barley production in a changing climate
Publication: Research › peer-review › Conference abstract for conference – Annual report year: 2014

Modelling Gene Flow between Fields of White Clover with Honeybees as Pollen Vectors
Publication: Research › peer-review › Journal article – Annual report year: 2011

Projects:

Climate Change Effects to Plant Ecosystems
Project: PhD