Publications:

Cloud-shadow removal for Unmanned Aerial System multispectral imagery based on tensor decomposition methods
Publication: Research › peer-review › Conference abstract in proceedings – Annual report year: 2017

Imaging for monitoring downstream processing of fermentation broths
Publication: Research › peer-review › Conference abstract for conference – Annual report year: 2017

Oxidation of lignin in hemp fibres by laccase: effects on mechanical properties of hemp fibres and unidirectional fibre/epoxy composites
Publication: Research › peer-review › Journal article – Annual report year: 2017

Prediction of Pectin Yield and Quality by FTIR and Carbohydrate Microarray Analysis
Publication: Research › peer-review › Journal article – Annual report year: 2016

Unraveling fermentation data – a Novozymes case study
Publication: Research › peer-review › Conference abstract for conference – Annual report year: 2017

Oxidation of lignin in hemp fibres by laccase: effects on mechanical properties of hemp fibres and unidirectional fibre/epoxy composites
Publication: Research › peer-review › Conference abstract for conference – Annual report year: 2016

Rapid quantification of casein in skim milk using Fourier transform infrared spectroscopy, enzymatic perturbation, and multiway partial least squares: Monitoring chymosin at work
Publication: Research › peer-review › Journal article – Annual report year: 2016

Descriptive and predictive assessment of enzyme activity and enzyme related processes in biorefinery using IR spectroscopy and chemometrics
Publication: Research › Ph.D. thesis – Annual report year: 2013

Enzyme activity measurement via spectral evolution profiling and PARAFAC
Publication: Research › peer-review › Journal article – Annual report year: 2013

Simultaneous measurement of two enzyme activities using infrared spectroscopy: A comparative evaluation of PARAFAC, TUCKER and N-PLS modeling
Publication: Research › peer-review › Journal article – Annual report year: 2013
Rapid near infrared spectroscopy for prediction of enzymatic hydrolysis of corn bran after various pretreatments
Publication: Research - peer-review › Journal article – Annual report year: 2012

Projects:

Novel Analytical Technologies
Project: PhD

Activities:

Introduction to Applied Statistics with R for PhD Students
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities