Biomass Fly Ash Deposition in an Entrained Flow Reactor
Research output: Research - peer-review › Journal article – Annual report year: 2019

Catalytic Hydropyrolysis of Biomass using Molybdenum Sulfide Based Catalyst. Effect of Promoters
Research output: Research - peer-review › Journal article – Annual report year: 2019

Effect of the catalyst in fluid bed catalytic hydropyrolysis
Research output: Research - peer-review › Journal article – Annual report year: 2019

Impact of ZSM-5 Deactivation on Bio-Oil Quality during Upgrading of Straw Derived Pyrolysis Vapors
Research output: Research - peer-review › Journal article – Annual report year: 2019

KOH capture by coal fly ash
Research output: Research - peer-review › Journal article – Annual report year: 2019

Aerodynamic and physical characterization of refuse derived fuel
Research output: Research - peer-review › Journal article – Annual report year: 2018

Biomass ash induced agglomeration in fluidized bed. Part 2: Effect of potassium salts in different gas composition
Research output: Research - peer-review › Journal article – Annual report year: 2018

Combustion Behavior of Single Particles of Raw Wood and Pelletized Wood
Research output: Research - peer-review › Poster – Annual report year: 2018

Devolatilization of wood and torrefied wood with different apparent density: Experimental and modelling study
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Research output: Communication › Journal article – Annual report year: 2018
From Wood Chips to Pellets to Milled Pellets: the Mechanical Processing Pathway of Wood
Research output: Research - peer-review › Poster – Annual report year: 2018

High Heating Rate Devolatilization Kinetics of Pulverized Biomass Fuels
Research output: Research - peer-review › Journal article – Annual report year: 2018

Hydrogen assisted catalytic biomass pyrolysis. Effect of temperature and pressure
Research output: Research - peer-review › Journal article – Annual report year: 2018

Hydrogen assisted catalytic biomass pyrolysis for green fuels
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Hydrogen assisted catalytic biomass pyrolysis for green fuels. Effect of catalyst in the fluid bed
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Hydrogen assisted catalytic biomass pyrolysis for green fuels. Effect of catalyst in the fluid bed
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Hydrogen assisted catalytic biomass pyrolysis for green fuels. Effect of catalyst in the fluid bed
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Measurements of the NOx precursors and major species concentrations above the grate at a waste-to-energy plant
Research output: Research - peer-review › Journal article – Annual report year: 2018

Melting behaviour of raw materials and recycled stone wool waste
Research output: Research - peer-review › Journal article – Annual report year: 2018

Optimizing catalytic tar-deoxygenation of fast pyrolysis vapors
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Performance of mesoporous ZSM-5 for the upgrading of straw derived pyrolysis vapors
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Performance of mesoporous ZSM-5 in deoxygenation of straw derived pyrolysis vapors
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Performance of mesoporous ZSM-5 in deoxygenation of straw derived pyrolysis vapors
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018
Potassium Capture by Kaolin, Part 1: KOH
Research output: Research - peer-review › Journal article – Annual report year: 2018

Potassium Capture by Kaolin, Part 2: K₂CO₃, KCl, and K₂SO₄
Research output: Research - peer-review › Journal article – Annual report year: 2018

Predicting Biomass Char Yield from High Heating Rate Devolatilization using Chemometrics
Research output: Research - peer-review › Journal article – Annual report year: 2018

Reaction kinetics for biomass self-ignition at 150–230°C
Research output: Research - peer-review › Poster – Annual report year: 2018

Reactive additives for alkali capture in biomass combustion
Research output: Research - peer-review › Paper – Annual report year: 2018

Tensile Adhesion Strength of Biomass Ash Deposits: Effect of the Temperature Gradient and Ash Chemistry
Research output: Research - peer-review › Journal article – Annual report year: 2018

The Role of Inorganic Matter in Biomass Self-Ignition
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Transportation fuels from biomass fast pyrolysis, catalytic hydrodeoxygenation, and catalytic fast hydropyrolysis
Research output: Research - peer-review › Review – Annual report year: 2018

Wood Pellet Milling Performance in a Suspension-Fired Power Plant
Research output: Research - peer-review › Poster – Annual report year: 2018

Wood pellet milling tests in a suspension-fired power plant
Research output: Research - peer-review › Journal article – Annual report year: 2018

Biomass ignition in mills and storages – is it explained by conventional thermal ignition theory?
Research output: Research - peer-review › Paper – Annual report year: 2017

Camera Measurements in Cement Kilns – Impact of Alternative Fuels on Kiln Flames
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017
CFD simulations on marine burner flames
Research output: Research - peer-review › Paper – Annual report year: 2017

Deposit Shedding in Biomass-Fired Boilers: Shear Adhesion Strength Measurements
Research output: Research - peer-review › Journal article – Annual report year: 2017

Fly Ash Formation during Suspension-Firing of Biomass. Effects of Residence Time and Fuel-Type
Research output: Research - peer-review › Journal article – Annual report year: 2016

Full-scale Milling Tests of Wood Pellets for Combustion in a Suspension-Fired Power Plant Boiler
Research output: Research - peer-review › Paper – Annual report year: 2017

H2CAP - Hydrogen assisted catalytic biomass pyrolysis for green fuels
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

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Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

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Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Hydrogen assisted catalytic biomass pyrolysis for green fuels
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Hydrogen assisted catalytic biomass pyrolysis for green fuels
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Imaging of Flames in Cement Kilns To Study the Influence of Different Fuel Types
Research output: Research - peer-review › Journal article – Annual report year: 2017

Impact of KCl impregnation on single particle combustion of wood and torrefied wood
Research output: Research - peer-review › Journal article – Annual report year: 2017

Measurements of NOx precursor concentration profile above the bed at a full scale W-t-E plant and the effect of precursor speciation on the NOx formation
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Mechanistic Model for Ash Deposit Formation in Biomass Suspension-Fired Boilers. Part 2: Model Verification by Use of Full Scale Tests
Research output: Research - peer-review › Journal article – Annual report year: 2017

Mechanistic Model for Ash Deposit Formation in Biomass Suspension Firing. Part 1: Model Verification by Use of Entrained Flow Reactor Experiments
Research output: Research - peer-review › Journal article – Annual report year: 2017

Optimizing catalytic deoxygenation of biomass derived fast pyrolysis vapors
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Understanding Biomass Ignition in Power Plant Mills
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Adhesion Strength of Biomass Ash Deposits
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Agglomeration and Deposition Behaviour of Solid Recovered Fuel
Research output: Research - peer-review › Journal article – Annual report year: 2016

Atmospheric Hydrodeoxygenation of Biomass Fast Pyrolysis Vapor by MoO3
Research output: Research - peer-review › Journal article – Annual report year: 2016

Behavior of Alkali Metals and Ash in a Low-Temperature Circulating Fluidized Bed (LTCFB) Gasifier
Research output: Research - peer-review › Journal article – Annual report year: 2016

Characterization of free radicals by electron spin resonance spectroscopy in biochars from pyrolysis at high heating rates and at high temperatures
Research output: Research - peer-review › Journal article – Annual report year: 2016

Comparison of high temperature chars of wheat straw and rice husk with respect to chemistry, morphology and reactivity
Research output: Research - peer-review › Journal article – Annual report year: 2016
Deactivation of Ni-MoS₂ by bio-oil impurities during hydrodeoxygenation of phenol and octanol
Research output: Research - peer-review › Journal article – Annual report year: 2016

Defluidization in fluidized bed gasifiers using high-alkali content fuels
Research output: Research - peer-review › Journal article – Annual report year: 2016

Deposit Shedding in Biomass-fired Boilers: Shear Adhesion Strength Measurements
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Devolatilization kinetics of woody biomass at short residence times and high heating rates and peak temperatures
Research output: Research - peer-review › Journal article – Annual report year: 2015

Direct upgrading of fast pyrolysis lignin vapor over the HZSM-5 catalyst
Research output: Research - peer-review › Journal article – Annual report year: 2016

Effect of fast pyrolysis conditions on biomass solid residues at high temperatures
Research output: Research - peer-review › Journal article – Annual report year: 2016

Effects of Biomass Feedstock on the Yield and Reactivity of Soot from Fast Pyrolysis at High Temperatures
Research output: Research - peer-review › Poster – Annual report year: 2016

Effects of several types of biomass fuels on the yield, nanostructure and reactivity of soot from fast pyrolysis at high temperatures
Research output: Research - peer-review › Journal article – Annual report year: 2016

Entrained flow gasification of coal/bio-oil slurries
Research output: Research - peer-review › Journal article – Annual report year: 2016

Entrained Flow Reactor Study of K-Capture by Solid Additives
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Entrained Flow Reactor Study of KCl Capture by Solid Additives
Research output: Research - peer-review › Poster – Annual report year: 2016

Extension of apparent devolatilization kinetics from thermally thin to thermally thick particles in zero dimensions for woody biomass
H2CAP - Hydrogen assisted catalytic biomass pyrolysis for green fuels

In-Flame Characterization of a 30 MWth Bio-Dust Flame

Influence of Torrefaction on Single Particle Combustion of Wood

Activity and stability of Mo2C/ZrO2 as catalyst for hydrodeoxygenation of mixtures of phenol and 1-octanol

A Scientific Basis for the Development of the Next Generation of Biocatalytic Biomass Burners

Combustion Characterization of Individual Bio-oil Droplets
Effect of pyrolysis conditions and composition on the char structure and char yield of biomass chars
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Electron microscopy study of the deactivation of nickel based catalysts for bio oil hydrodeoxygenation
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2014

H$_2$CAP - Hydrogen assisted catalytic biomass pyrolysis for green fuels
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Local Measurements in Two Full-Scale Swirl Stabilized Bio-Dust Burners: A Parametric Study
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Properties of slurries made of fast pyrolysis oil and char or beech wood
Research output: Research - peer-review › Journal article – Annual report year: 2014

Release of Chlorine and Sulfur during Biomass Torrefaction and Pyrolysis
Research output: Research - peer-review › Journal article – Annual report year: 2014

Residual Ash Formation during Suspension-Firing of Biomass.: Effects of Residence Time and Fuel-Type
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Stability and resistance of nickel catalysts for hydrodeoxygenation: carbon deposition and effects of sulfur, potassium, and chlorine in the feed
Research output: Research - peer-review › Journal article – Annual report year: 2014

Structural and Compositional Transformations of Biomass Chars during Fast Pyrolysis
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Treatment of Lignin and Waste residues by Flash Pyrolysis: Final report
Research output: Research - peer-review › Report – Annual report year: 2014

A Comparison of Lignin, Macroalgae, Wood and Straw Fast Pyrolysis
Research output: Research - peer-review › Journal article – Annual report year: 2013
Catalytic Conversion of Bio-oil to Fuel for Transportation
Mortensen, P. M., Jensen, A. D., Grunwaldt, J-D. & Jensen, P. A. 2013 Technical University of Denmark, Department of Chemical and Biochemical Engineering. 253 p.
Research output: Research › Ph.D. thesis – Annual report year: 2014

Characterization and quantification of deposits build up and removal in straw suspension fired boilers
Research output: Research - peer-review › Report – Annual report year: 2013

Characterization of Residual Particulates from Biomass Entrained Flow Gasification
Research output: Research - peer-review › Journal article – Annual report year: 2012

Co-firing of Coal with Biomass and Waste in Full-scale Suspension-fired Boilers
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Deposit formation in a full-scale pulverized wood-fired power plant with and without coal fly ash addition
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Efficient Fuel Pretreatment: Simultaneous Torrefaction and Grinding of Biomass
Research output: Research - peer-review › Journal article – Annual report year: 2013

Experimental investigation of flash pyrolysis oil droplet combustion
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Experimental Study on Effects of Particle Shape and Operating Conditions on Combustion Characteristics of Single Biomass Particles
Research output: Research - peer-review › Journal article – Annual report year: 2013

Fast Pyrolysis of Lignin Using a Pyrolysis Centrifuge Reactor
Research output: Research - peer-review › Journal article – Annual report year: 2013

Impact of coal fly ash addition on ash transformation and deposition in a full-scale wood suspension-firing boiler
Research output: Research - peer-review › Journal article – Annual report year: 2013

In-Flame Measurements on Full-Scale Swirl Stabilized Bio-Dust Burners at Different Operational Conditions
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Influence of Biomass Chemical Properties on Torrefaction Characteristics
Research output: Research - peer-review › Journal article – Annual report year: 2013
Ash transformation and deposition behavior during co-firing biomass with sewage sludge
Research output: Research › Paper – Annual report year: 2012

Biomass Gasification Behavior in an Entrained Flow Reactor: Gas Product Distribution and Soot Formation
Research output: Research - peer-review › Journal article – Annual report year: 2012

Catalytic Conversion of Syngas into Higher Alcohols over Carbide Catalysts
Research output: Research - peer-review › Journal article – Annual report year: 2012

Danish Experiences with Deposit Probe Measurements in Grate and Pulverized Fuel Biomass Power Boilers
Research output: Research › Article in proceedings – Annual report year: 2012

Full-scale ash deposition measurements at Avedøre Power Plant unit 2 during suspension-firing of wood with and without coal ash addition.
Research output: Research › Report – Annual report year: 2012

High-temperature entrained flow gasification of biomass
Qin, K., Lin, W., Jensen, P. A. & Jensen, A. D. 2012 In : Fuel. 93, p. 589-600
Research output: Research - peer-review › Journal article – Annual report year: 2012

Screening of Catalysts for Bio-oil Hydrodeoxygenation
Research output: Research › Conference abstract for conference – Annual report year: 2012

Suspension-Firing of Biomass: Part 1, Full-Scale Measurements of Ash Deposit Build-up
Research output: Research - peer-review › Journal article – Annual report year: 2012

Suspension-Firing of Biomass: Part 2, Boiler Measurements of Ash Deposit Shedding
Research output: Research - peer-review › Journal article – Annual report year: 2012

Suspension-firing of wood with coal ash addition: Probe measurements of ash deposit build-up at Avedøre Power Plant (AVV2)
Wood Gasification Behaviour in an Entrained Flow Reactor
Research output: Research › Conference abstract for conference – Annual report year: 2012

Catalytic synthesis of long-chained alcohols from syngas
Christensen, J. M., Jensen, A. D. & Jensen, P. A. Jan 2011 Technical University of Denmark, Department of Chemical and Biochemical Engineering. 234 p.
Research output: Research › Ph.D. thesis – Annual report year: 2011

A review of catalytic upgrading of bio-oil to engine fuels
Research output: Research - peer-review › Journal article – Annual report year: 2011

Biomass gasification behavior in an entrained flow reactor
Qin, K., Lin, W., Jensen, P. A. & Jensen, A. D. 2011
Research output: Research › Conference abstract for conference – Annual report year: 2012

Co-combustion of pulverized coal and solid recovered fuel in an entrained flow reactor- General combustion and ash behavior
Research output: Research - peer-review › Journal article – Annual report year: 2011

Dust-Firing of Straw and Additives: Ash Chemistry and Deposition Behavior
Research output: Research - peer-review › Journal article – Annual report year: 2011

Effects of Feed Composition and Feed Impurities in the Catalytic Conversion of Syngas to Higher Alcohols over Alkali-Promoted Cobalt–Molybdenum Sulfide
Research output: Research - peer-review › Journal article – Annual report year: 2011

Influence of fast pyrolysis temperature on biochar labile fraction and short-term carbon loss in a loamy soil
Research output: Research - peer-review › Journal article – Annual report year: 2011

Katalytisk omdannelse af syntesegas til højere alkoholer; 3. Kan et karbid klare katalysen?
Research output: Communication › Journal article – Annual report year: 2012

Leaching from waste incineration bottom ashes treated in a rotary kiln
Research output: Research - peer-review › Journal article – Annual report year: 2011

Modeling char conversion under suspension fired conditions in O2/N2 and O2/CO2 atmospheres
Research output: Research - peer-review › Journal article – Annual report year: 2011

Oxy-Fuel Combustion of Coal
Brix, J., Jensen, A. D. & Jensen, P. A. 2011 Technical University of Denmark, Department of Chemical and Biochemical Engineering. 200 p.
OxyFuel combustion of Coal and Biomass
Research output: Research › Ph.D. thesis – Annual report year: 2011

Probe Measurements of Ash Deposit Formation Rate and Shedding in a Biomass Suspension-Fired boiler
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Production of methanol/DME from biomass: EFP08
Research output: Research - peer-review › Report – Annual report year: 2011

PSO 7171 - Oxyfuel Combustion for below zero CO2 emissions
Research output: Research - peer-review › Report – Annual report year: 2011

PSO Project 10085: Final Report – Co-Firing of Coal and RDF in Suspension
Research output: Research - peer-review › Report – Annual report year: 2011

Pyrolysis Methods and Apparatus
Research output: Research › Patent – Annual report year: 2011

Quantification of Ash Deposit Build-up and Removal in a Straw and Wood Suspension-Fired Boiler
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

REBECa WP IV - Formation and transformation of particles and other pollutants from engines using biofuel: WP IV final report (DTU project no. 50502)
Research output: Research - peer-review › Report – Annual report year: 2011

Release and Transformation of Inorganic Elements in Combustion of a High-Phosphorus Fuel
Research output: Research - peer-review › Journal article – Annual report year: 2011

Alternative fuel combustion in cement rotary kilns
Research output: Research › Conference abstract for conference – Annual report year: 2010

Ash behavior in the combustion of phosphorus rich biofuels - literature survey and experimental studies
Research output: Research › Report – Annual report year: 2010
Ash Deposit Formation and Removal in a Straw and Wood Suspension-Fired Boiler
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2010

Ash Deposition and Shedding in Biomass Suspension Fired Boilers: Full Scale Experimental Study
Research output: Research › Conference abstract for conference – Annual report year: 2010

Behaviors of trace element in co-combustion of solid: Impacts of Fuel Quality on Power Production and the environment
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Catalytic conversion of synthesis gas into higher alcohols
Research output: Research › Conference abstract for conference – Annual report year: 2010

Characterization and Quantification of Deposits Buildup and Removal in Biomass Suspension-Fired Boilers
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Coal devolatilization and char conversion under suspension fired conditions in O2/N2 and O2/CO2 atmospheres
Research output: Research - peer-review › Journal article – Annual report year: 2010

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Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

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Research output: Research › Journal article – Annual report year: 2010

Effect and Modeling of Glucose Inhibition and In Situ Glucose Removal During Enzymatic Hydrolysis of Pretreated Wheat Straw
Research output: Research - peer-review › Journal article – Annual report year: 2010

Improved electrical efficiency and bottom ash quality on waste combustion plants
Research output: Research - peer-review › Report – Annual report year: 2010

Oxy-fuel combustion of solid fuels
Research output: Research - peer-review › Journal article – Annual report year: 2010
Pyrolyse og forbrænding af kul i N2/O2 og CO2/O2 atmosfærer
Research output: Research › Conference abstract for conference – Annual report year: 2010

Reactor design for minimizing product inhibition during enzymatic lignocellulose hydrolysis II. Quantification of inhibition and suitability of membrane reactors
Research output: Research - peer-review › Review – Annual report year: 2010

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Research output: Research - peer-review › Review – Annual report year: 2010

REBECA - WP IV - Emissions from engines using biodiesel: Literature survey
Research output: Research › Report – Annual report year: 2010

Release of Corrosive Species above the Grate in a Waste Boiler and the Implication for Improved Electrical Efficiency
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Ash Properties of Alternative Biomass
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Ash transformation in suspension fired boilers co-firing coal and straw: Final report, PSO-Eltra 4766
Research output: Research - peer-review › Report – Annual report year: 2008

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Research output: Research - peer-review › Report – Annual report year: 2009

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Research output: Research - peer-review › Report – Annual report year: 2009

Ash transformation in suspension fired boilers co-firing coal and straw: Final report, PSO-Eltra 4766
Research output: Research - peer-review › Report – Annual report year: 2009

Bio-char investigated by analytical flash pyrolysis and GCMS
Research output: Research › Conference abstract in proceedings – Annual report year: 2009

Biochar soil application to mitigate climate change
Biomass Suspension Combustion: Effect of Two-Stage Combustion on NOx Emissions in a Laboratory-Scale Swirl Burner
Research output: Research - peer-review › Journal article – Annual report year: 2009

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Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

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Research output: Research › Paper – Annual report year: 2009

Determining the elemental composition of fuels by bomb calorimetry and the inverse correlation of HHV with elemental composition
Research output: Research - peer-review › Journal article – Annual report year: 2009

Effect of experimental conditions on biomass gasification in an entrained-flow reactor
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Research output: Research › Paper – Annual report year: 2009

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Research output: Research - peer-review › Journal article – Annual report year: 2009

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Research output: Research - peer-review › Journal article – Annual report year: 2009

Experimental and numerical investigation of gas phase freeboard combustion: Part I: Main combustion process
Research output: Research - peer-review › Journal article – Annual report year: 2009

Influence of operating conditions on gas composition, soot and tar in entrained flow gasification
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Research output: Research › Paper – Annual report year: 2009

Influence of operating conditions on gas composition, soot and tar in entrained flow gasification of biomass
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Research output: Research - peer-review › Journal article – Annual report year: 2009

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Research output: Research - peer-review › Journal article – Annual report year: 2009
Aerosol Formation during the Combustion of Straw with Addition of Sorbents
Research output: Research - peer-review › Journal article – Annual report year: 2007

A kinetic study of gaseous potassium capture by coal minerals in a high temperature fixed bed reactor
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Ash Deposits Removal in Biomass Power Plant Boilers
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

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Hansen, J., Jensen, P. A. & Glarborg, P. 2007 Technical University of Denmark, Department of Chemical Engineering. 17 p.
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Dynamic mechanistic model of superheater deposit growth and shedding in a biomass fired grate boiler
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Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

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Research output: Research - peer-review › Poster – Annual report year: 2007

Quantification of glucose inhibition of enzymatic cellulose degradation in pre-treated wheat straw
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Release of K from the system: K-Ca(-Si)-P - The Effects of the a/Si- and Ca/P-ratios
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Release of Potentially Corrosive Constituents from the Grate of a Waste-to-Energy Boiler
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Wood in Pulverized Fuel Power Plants: Char Characterization and Char Combustion
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007
Ash transformation in suspension fired boilers co-firing coal and straw: Final report, PSO-Eltra 4766
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Research output: Research - peer-review › Journal article – Annual report year: 2006

Final report – Ash deposit formation and removal in biomass fired boilers. Fundamental data provided with deposit probes
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Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

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REtrol vision: Preliminary Techno-Economical Analysis
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Research output: Research - peer-review › Journal article – Annual report year: 2006

Transformation of K, Cl and S during Co-firing of Coal and Straw
Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

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

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

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

Forskningscentret CHEC
Research output: Research › Journal article – Annual report year: 2004

Measurements on sootblowing of ash deposits in a convective pass of a straw fired boiler (AVV2)
Research output: Research - peer-review › Report – Annual report year: 2004

Quantification of the release of Cl, K and S to the gas phase from combustion of annual biomass.
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2004

Quantification of the Release of CL, K and S to the Gas Phase from Combustion of Annual Biomass
Research output: Research › Conference abstract in proceedings – Annual report year: 2004

Release of inorganic elements during wood combustion.
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2004

SEM Investigation of Superheater Deposits from Biomass-Fired Boilers
Research output: Research - peer-review › Journal article – Annual report year: 2004

Simultaneous Thermal Analysis (STA) on Ash from High-Alkali Biomass
Research output: Research - peer-review › Journal article – Annual report year: 2004

Sulfur Transformations during Thermal Conversion of Herbaceous Biomass
Research output: Research - peer-review › Journal article – Annual report year: 2004
The Influence of Inorganic Materials on the Thermal Deactivation of Fuel Chars
Research output: Research - peer-review › Journal article – Annual report year: 2001

Experimental Investigation of the Transformation and Release to Gas Phase of Potassium and Chlorine during Straw Pyrolysis
Research output: Research - peer-review › Journal article – Annual report year: 2000

Grate Firing of Straw: Activities in the CHEC Research Centre
Grate Firing of Straw: Activities in the CHEC Research Centre.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2000

Deposition and Corrosion in Straw- and Coal-straw Co-Fired Utility Boilers - Danish Experiences
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

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Research output: Research - peer-review › Report – Annual report year: 1999

Research output: Research - peer-review › Report – Annual report year: 1999

Pretreatment of straw by pyrolysis and char wash
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Release of Potassium and Chlorine during Straw Pyrolysis
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Possibilities and evaluation of straw pretreatment.
Research output: Research › Article in proceedings – Annual report year: 1998

Pretreatment of Biofuels for Power Production.: 2nd annual progress report (1997)
Research output: Research - peer-review › Report – Annual report year: 1998

Deposition investigation in straw-fired boilers
Research output: Research › Journal article – Annual report year: 1997

Research output: Research - peer-review › Report – Annual report year: 1997