Co-processing of wood and wheat straw derived pyrolysis oils with FCC feed—Product distribution and effect of deoxygenation

Catalytic deoxygenation of vapors obtained from ablative fast pyrolysis of wheat straw using mesoporous HZSM-5

Deoxygenation of wheat straw fast pyrolysis vapors using HZSM-5, Al₂O₃, HZSM-5/Al₂O₃ extrudates, and desilicated HZSM-5/Al₂O₃ extrudates

Impact of ZSM-5 Deactivation on Bio-Oil Quality during Upgrading of Straw Derived Pyrolysis Vapors

Optimizing catalytic tar-deoxygenation of fast pyrolysis vapors

Performance of mesoporous ZSM-5 for the upgrading of straw derived pyrolysis vapors

Performance of mesoporous ZSM-5 in deoxygenation of straw derived pyrolysis vapors

Performance of mesoporous ZSM-5 in deoxygenation of straw derived pyrolysis vapors

Deoxygenation of fast pyrolysis vapors using zeolites
Optimizing catalytic deoxygenation of biomass derived fast pyrolysis vapors
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report
year: 2017 › Research › peer-review

Projects:

Use of Zeolites for Tar De-Oxygenation
Samfinansieret - Andet
01/02/2017 → 31/01/2020
Project: PhD

Activities:

Performance of Mesoporous HZSM-5 for the Upgrading of Wheat Straw Derived Fast Pyrolysis Vapors in Bench Scale
Andreas Eschenbacher (Speaker)
27 Jun 2019
Activity: Talks and presentations › Conference presentations

Performance of mesoporous HZSM-5 for the upgrading of wheat straw derived pyrolysis vapors in bench scale
Andreas Eschenbacher (Speaker)
26 Aug 2018
Activity: Talks and presentations › Conference presentations

Performance of mesoporous ZSM-5 for the upgrading of straw derived pyrolysis vapors
Andreas Eschenbacher (Speaker)
26 Aug 2018
Activity: Talks and presentations › Conference presentations

Optimizing catalytic tar - deoxygenation of fast pyrolysis vapors
Andreas Eschenbacher (Other)
16 May 2018
Activity: Talks and presentations › Conference presentations

Optimizing tar-deoxygenation of fast pyrolysis vapors over zeolites
Andreas Eschenbacher (Other)
16 May 2018
Activity: Talks and presentations › Conference presentations

Optimizing catalytic deoxygenation of biomass derived fast pyrolysis vapors
Andreas Eschenbacher (Speaker)
6 Dec 2017
Activity: Talks and presentations › Conference presentations