

Special Issue

Catalytic Pyrolysis of Biomass: Latest Advances and Prospects

Message from the Guest Editor

In this Special Edition, we cover the state-of-the-art in catalytic pyrolysis. This includes fundamental studies, applied studies, and performance of these oils during upgrading to hydrocarbon fuels. Subtopics invited to this Special Edition include but are not limited to:

- In situ catalytic pyrolysis of biomass: a review;
- Ex situ catalytic pyrolysis of biomass: a review;
- Catalytic pyrolysis of biomass using red mud;
- Catalytic pyrolysis of biomass using oxide catalysts;
- Catalytic pyrolysis of biomass using zeolite and other acidic catalysts;
- Fundamentals of catalytic pyrolysis of biomass;
- Hydrodeoxygenation upgrading of catalytic pyrolysis oils;
- Upgrading of catalytic pyrolysis oils without hydrogen;
- Miscellaneous methods of catalytic pyrolysis oils upgrading;
- Future of catalytic pyrolysis of biomass.

Guest Editor

Prof. Dr. Foster Agblevor

College of Engineering, Biological Engineering Department, Utah State University, Logan, UT, USA

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4052 Basel, Switzerland
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Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Badie Morsi

Swanson School of Engineering, University of Pittsburgh, 940 Benedum
Hall, 3700 O'Hara Street, Pittsburgh, PA 15261, USA

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