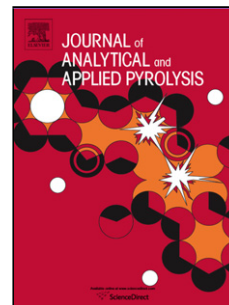


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# Effect of pyrolysis and moving-bed granular filter temperatures on the yield and properties of bio-oil from fast pyrolysis of biomass

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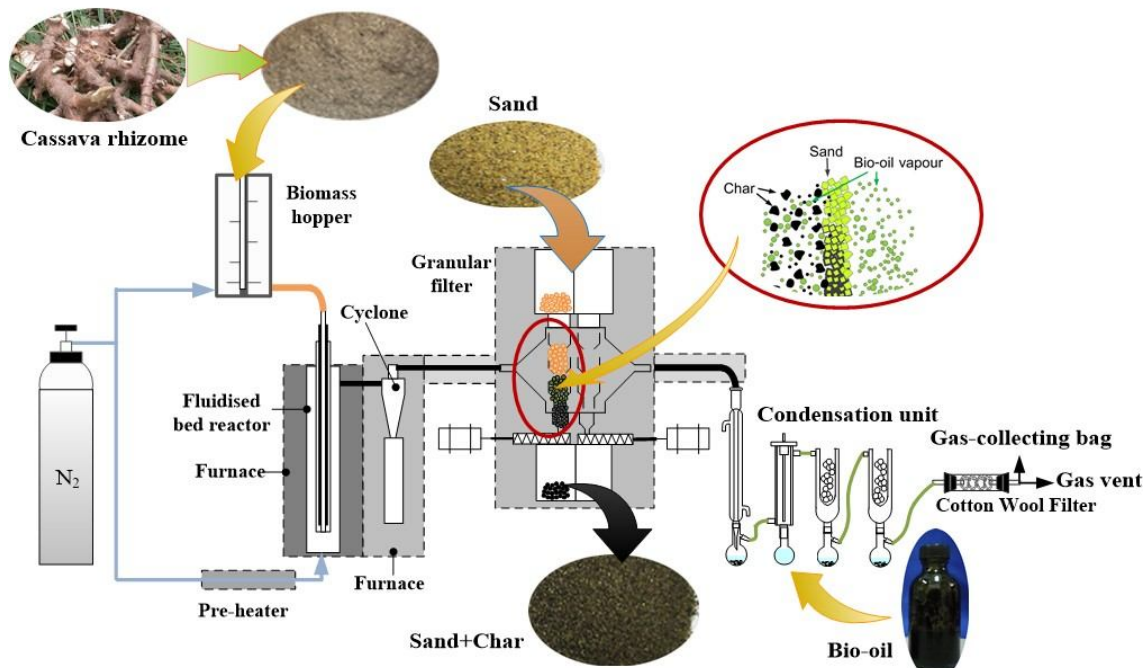
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## Graphical abstract



## Highlights

- Both pyrolysis and filter temperatures affected product yields and properties.
- Increasing pyrolysis temperature reduced organics, while increasing water.
- Char dehydrated with the increase of the filter temperature.
- Bio-oil viscosity decreased with pyrolysis and filter temperatures.
- Increasing filter temperature lowered the bio-oil solids content.

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