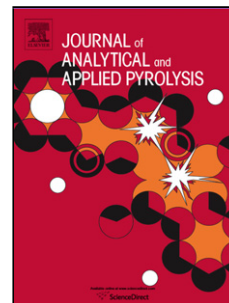


## Accepted Manuscript

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PII: S0165-2370(18)30275-4  
DOI: <https://doi.org/10.1016/j.jaap.2018.06.020>  
Reference: JAAP 4357

To appear in: *J. Anal. Appl. Pyrolysis*

Received date: 29-3-2018  
Revised date: 1-6-2018  
Accepted date: 19-6-2018

Please cite this article as: Paysepar H, Ren S, Kang S, Shui H, Xu C(Charles), Catalytic co-liquefaction of lignin and lignite coal for aromatic liquid fuels and chemicals in mixed solvent of ethanol-water in the presence of a hematite ore, *Journal of Analytical and Applied Pyrolysis* (2018), <https://doi.org/10.1016/j.jaap.2018.06.020>

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**Catalytic co-liquefaction of lignin and lignite coal for aromatic liquid fuels  
and chemicals in mixed solvent of ethanol-water in the presence of a hematite  
ore**

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