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Authors: Raquel Escrivani Guedes, Aderval S. Luna, Alexandre Rodrigues Torres



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Operating parameters for bio-oil production in biomass pyrolysis: A Review

Raquel Escrivani Guedes^a, Aderval S. Luna^{a*}, Alexandre Rodrigues Torres^b

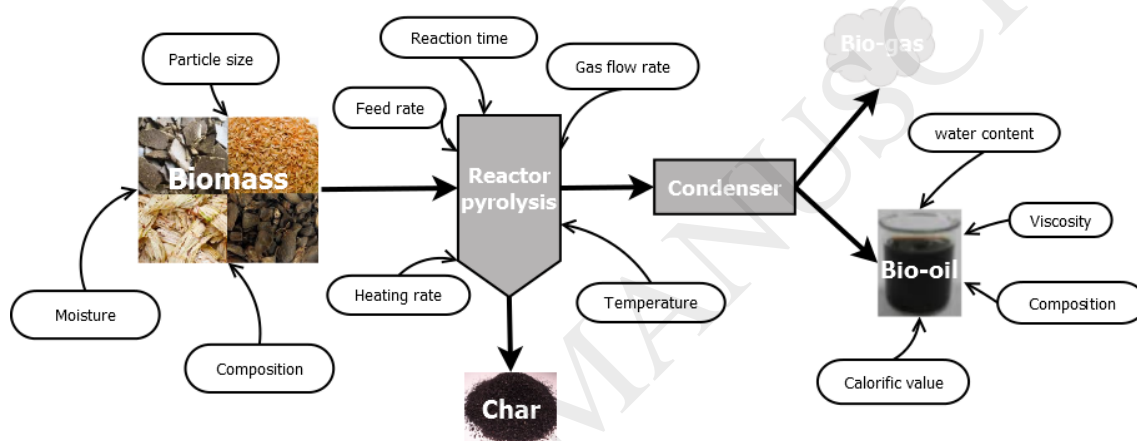
^a Rio de Janeiro State University, Graduate Program in Chemical Engineering, Rua São Francisco Xavier, 524, Maracanã, Rio de Janeiro, RJ 20550-013, Brazil

^b Rio de Janeiro State University, Faculty of Technology, Rodovia Presidente Dutra Km 298, Pólo Industrial – Resende, Rio de Janeiro 27537-000, Brazil

*Correspondence author:

E-mail address: asluna@uerj.br

Graphical abstract



Highlights

- The interactions of the pyrolysis parameters can influence the pyrolysis mechanisms.
- Compositional variations in biomass modify composition and yield of pyrolysis oil.
- Temperature and the heating rate has a positive correlation with the bio-oil yield.
- Temperature is the parameter with more influence in pyrolysis process of biomass.
- Database constitutes a tool to optimize yields or explain the composition of the oil.

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