

## Accepted Manuscript

Title: Volatization and combustion of biomass particles in random media: Mathematical modeling and analyze the effect of lewis number

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PII: S0255-2701(18)30069-2  
DOI: <https://doi.org/10.1016/j.cep.2018.03.006>  
Reference: CEP 7216

To appear in: *Chemical Engineering and Processing*

Received date: 19-1-2018  
Revised date: 8-3-2018  
Accepted date: 9-3-2018

Please cite this article as: Bidabadi M, Harati M, Xiong Q, Yaghoubi E, Doranehgard MH, Aghajannezhad P, Volatization and combustion of biomass particles in random media: Mathematical modeling and analyze the effect of lewis number, *Chemical Engineering and Processing* (2010), <https://doi.org/10.1016/j.cep.2018.03.006>

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# VOLATIZATION & COMBUSTION OF BIOMASS PARTICLES IN RANDOM MEDIA: MATHEMATICAL MODELING AND ANALYZE THE EFFECT OF LEWIS NUMBER

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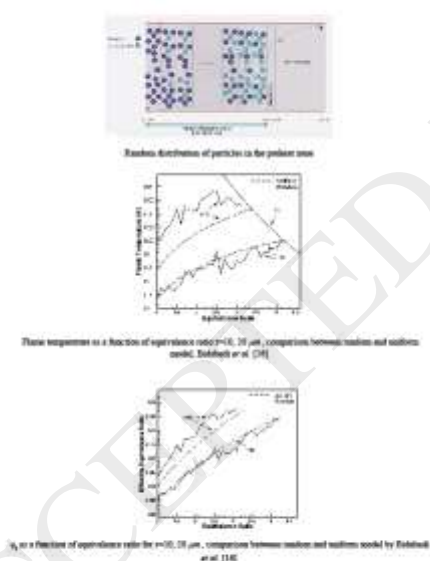
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## Graphical Abstract



## Highlights

- A new model is proposed to model random combustion of micro organic dust particles
- Remarkable parameters of combustion are obtained for different particle radius

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