

Sunphorka, Sasithorn, et al. “Application of Artificial Neural Network for Kinetic Parameters Prediction of Biomass Oxidation from Biomass Properties.” *Journal of the Energy Institute*, Elsevier Ltd, 2015, doi:10.1016/j.joei.2015.10.007.

Vondál, J., and J. Hájek. “Wall Heat Transfer in Gas-Fired Furnaces: Effect of Radiation Modelling.” *Applied and Computational Mechanics*, vol. 9, 2015, pp. 67–78.

Biographies

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