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Application of MLP-ANN strategy to predict higher heating value of biomass in terms of proximate analysis

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ABSTRACT

One of the important parameters in development of bioenergy industry and economical investigation of fuels is higher heating value (HHV) of biomass in the present study; multi-layer perceptron (MLP) artificial neural network was applied to predict HHV of biomass in terms of volatile matters (VMs), fixed carbon (FC), and ash content (ASH). The purp al data points w reat ability to estim dly software for pr ng software can HHV as function easier than the expe ernative for laborato

KEYWORDS: Biomass energy HHV MLP neural network

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