

Rice husk (RH) contains valuable biomaterials with extensive applications in various fields. The proportions of each component depend primarily on rice genotype, soil chemistry, and climatic ...

Under the condition of a heating rate of 0.87 °C/s, the measured thermal diffusivity of corn leaves is shown in Figure 4. At room temperature, the thermal diffusivity of corn is about 1.2×10^{-7} ...

A lot of attention is being paid to potential use of corn stover as a feedstock for bioenergy production. Consisting of the cobs, husks, stalks, leaves, and tassels of the corn ...

This paper's objective is to quantify sustainable residual biomass from corn harvesting, husk leaf, and cob, and its solid-fuel characterization for energy co-generation ...

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Biofuel offers an alternative energy source to meet the energy demands of a growing population of 8 billion while minimizing environmental impact. Globally, around 3000 petajoules of biofuel are produced, diversifying ...

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Five Questions with Manoj Sinha, CEO of Husk Power Systems How Husk Power Embraced Adaptability. Husk's founder shares lessons from a decade of serving the world's energy poor. In 2008, customers of the newly ...

corn cob and rice husk (Nurhayati et al., 2016) ;cornstalk (Wang et al.,2017); durian peel with biomass coconut and palm shell (Sari et al. 2018); durian shell (Irhamni et al., ...

resources such as rice husk, crop stalks, small wood chips and other agro-residues. The goal was to produce electricity for villages with power plants of up to 2 MW capacities. During 2011, ...

Corn husk used in this research was collected from Northeastern region of Thailand after harvesting corn crop. Husk fibers were reduced to smaller particle sizes with grinder as shown ...

