Tianfeng Haitao Wind Turbine

Semantic Scholar extracted view of "A dual de-icing system for wind turbine blades combining high-power ultrasonic guided waves and low-frequency forced vibrations" by Hossein Habibi et ...

DOI: 10.1080/09544828.2024.2332122 Corpus ID: 268684999; A novel transformer-enhanced and acoustic-based approach for wind turbine blade fault detection with integrated system ...

The studies on floating offshore wind turbines (FOWTs) have been increasing over recent decades due to the growing interest in offshore renewable energy. The present paper proposes a barge platform with four ...

Li Feng"s 143 research works with 3,062 citations and 5,320 reads, including: Retraction notice to "Rheological behavior of asphalt binder and performances of asphalt mixtures modified by ...

Compared with the traditional wind turbine of a single rotor, dual-rotor wind turbines (DRWTs) have higher wind energy capture efficiency and a more complex structure. ...

Deployment of larger scale wind turbine systems, particularly offshore, requires more organized operation and maintenance strategies to ensure systems are safe, profitable and cost ...

However, the Savonius turbine has a relatively lower power efficiency, with a maximum efficiency of 0.25, 4 compared with the lift-type wind turbines, such as HAWTs and ...

Fault diagnosis of wind turbine gearbox is significant to ensure the operating efficiency and reduce the maintenance cost of wind farms. The key to achieve an accurate fault diagnosis is to extract the evidence of fault state ...

Semantic Scholar extracted view of "Unsupervised fault diagnosis of wind turbine bearing via a deep residual deformable convolution network based on subdomain adaptation ...

The current research status of maintenance of wind turbine systems is reviewed, the applications of artificial neural networks (ANN) based health prediction tools in this field are discussed and ...

Xinjiang Wulabo Tuoli (Tianfeng) is a 142.5MW onshore wind power project. It is located in Xinjiang Uyghur Autonomous Region, China. According to GlobalData, who tracks and profiles ...

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Semantic Scholar extracted view of "Nonlinear dynamics of a floating offshore wind turbine platform via statistical quadratization -- Mooring, wave and current interaction" by L. S. Silva ...

Wind energy is an important source of renewable energy, and reliability is a critical issue for operating wind energy systems. The Canadian wind energy industry has been growing very ...

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