

Is it promising to study solar container engineering in a second-tier university

Results of this study indicate that the numerical model built to simulate two-tier container stack dynamics is a promising tool for further studies. Moreover, the model is able to predict ...

ABSTRACT Temperature increases due to solar radiation exposure in the container walls of a refrigerated container affects its energy consumption. The aim of this paper is to simulate thermal ...

The second study in this cooperation is documented by Wolf and Rathje (2008) in a technical report dated the same year. They used finite element simulation to calculate unknown ...

Background : An increasing number of container and chassis staging, "dray-off", drop yard, and depot facilities are being established outside of North American marine container terminals. The increased ...

In a similar way and to test the potential of using PV solar energy for data centres, Intel has installed a 10 kW of electricity in a data centre in New Mexico and Goiri et al. [56] developed ...

Adding solar panels for this converted shipping container as an added feature could be very advantageous to saving electricity bills and valuable to continue the business operation in case of an ...

Lastly, the modeling results suggest that the observed evolution of North American marine container terminals from self-contained entities into multi-tier systems is likely to continue to add additional ...

The results of the elicitation study were used to further design the TPB questionnaire in the second stage, which aimed to explore the determinants of university students' intention to develop ...

A series of experiments with controlled parameters were performed using a shaking table test to understand the effects of each variable in the container stack dynamics and present ...

"My Second-Tier Students" by Huang Deng offers a compelling glimpse into the lives of China's ordinary youth navigating a rapidly changing society. This insightful book reveals their ...

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This paper aims to study the feasibility and environment aspect of using solar energy as supplement power source on container ship trading in west Africa in order to reduce fuel oil consumption ...

This research aim to understand the mechanical behavior of container stacks under predefined driving excitation emulating real maritime conditions. The objects of study are scaled ...

Below is the list of 100 best universities for Renewable Energy Engineering in the World ranked based on their research performance: a graph of 22.2M citations received by 749K academic ...

This study employs a service placement method in Kubernetes that considers the requirements and constraints of container-based fog computing. Our technique manages multiple ...



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