

Modern scientific research challenges require new technologies, integrated tools, reusable and complex experiments in distributed computing infrastructures. But above all, computing ...

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In order to systematically categorise the green practices related to ports, a structured approach has been implemented, including the definition of categories based on the types of green ...

Containers technologies have emerged as a new paradigm to address such intensive scientific applications problems. Their easy deployment in a reasonable amount of time and the few ...

By going to solar battery containers, we can help save the planet for our children. Exploring the potential of solar battery containers. Ease of Use: Another reason why solar battery boxes are so popular is ...

A comprehensive guide to solar container houses, covering costs, technology breakthroughs and real-world applications. Discover how these innovative homes achieve complete ...

It gives an insight into how different solar technology performs, its advantages, shortcomings, viable applications, and discusses the future range and challenge yet to address. The ...

The Asia-Pacific region, characterized by rapid industrialization and urbanization, is experiencing a burgeoning interest in solar containers to meet the escalating energy needs. In ...

Research on these technologies has been relatively limited in the literature, but they offer great potential for a range of applications. Portable cold storage solutions are particularly ...

However, the current generation of solar collectors is incapable of fulfilling the worldwide need for energy supply, and new creative technologies are required to close the gap between solar ...

Typical PCM container shapes include cylindrical, spherical, rectangular, and finned structures [21]. The choice of container geometry is pivotal in fine-tuning PCM performance for ...

Because of the exponential expansion in container traffic, larger container ships are required, necessitating the development of smart ports that use advanced technologies and intelligent ...

**Abstract and Figures** In this review, the new solar water treatment technologies, including solar water desalination in two direct and indirect methods, are comprehensively presented.

In today's dynamic energy landscape, harnessing sustainable power sources has become more critical than ever. Among the innovative solutions paving the way forward, solar energy ...

This paper focuses on the application of solar advanced oxidation processes (SAOPs) to the treatment of commercial pesticides. Although, specifically, this work concentrates on the ...

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