Small-scale wind solar and storage complementarity

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Contact the Team Editorial queries (Submission and Peer Review) E-mail: small@wiley Production queries (after Acceptance) E-mail: SMLLprod@wiley Phone: +49 6201 606-581 Mail: Postfach

Overview

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Small: Vol 21, No 21

Nanomaterials offer promising applications in retinal disease due to their small size, high biocompatibility, and functional versatility. They enhance imaging precision, enable biomarker

Small: Vol 22, No 20

Oxygen Evolution Reaction Although dynamic structural reconstruction of sulfides under oxygen evolution reaction (OER) conditions is widely considered the origin of high activity, it

Optimization Strategy for Wind-Solar Complementary Energy Storage

In this study, we present an integrated optimization model for configuring energy storage capacities in wind-solar energy systems, utilizing an innovative approach of Photovoltaic (PV) Virtual Energy

Small: Early View

A new nanoparticle-based biomarker panel is described that can differentiate pancreatic cancer from benign pancreatic disease with a high level of performance. This was enabled by microelectrode

Assessing micro-scale solar-wind-hydro complementarity in a

Power systems that combine complementary VRES and share infrastructure (energy storage,

transmission, and distribution), such as wind-solar or wind-solar-hydro combinations, can be

The Capacity Configuration of a Cascade Small Hydropower-Pumped

The safety and economy of the complementary system and the cascade small water-wind-PV system without pumped storage transformation are compared and analyzed based

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