

A Mainichi Shimbun survey found that of all 47 prefectures in Japan, 80% have problems with solar power energy in one way or another. Known as the "sunny land" because ...

To maximize the use of solar energy and overcome those drawbacks, two promising technologies have been developed: space-based solar power (SBSP) and next-generation flexible solar ...

Engineers believe they have found one in a type of solar cell that looks and feels like camera film. Japan is pushing the technology with subsidies and other support, a sign of how renewable ...

Thin, flexible, and lightweight Perovskite solar panels are seen as one potential answer to energy issues amid intensifying climate change. A number of Japanese companies are working to develop ...

In the U.S., the Biden administration is seeking to build a domestic supply chain for solar panels. Japan, also looking for a homegrown solar solution, is focusing on what are called perovskite ...

This report is the follow-up to a report we published in 2019, "Solar Power Generation Costs in Japan: Current Status and Future Outlook" (the "2019 report"), and it analyzes the most recent ...

In a film-based perovskite solar cell module with a light receiving section, which is composed of a plastic circuit board, size of 400 cm² or more; survey by Toshiba Corporation (As of ...

Currently the solar power window film is still under development and not available for sale yet, but the main priorities in continuing to develop the technology appear to be power efficiency and maintaining a scalable level of affordability, so that ...

Japan's surge in installed solar capacity can be attributed to the introduction of a renewable energy feed-in tariff (FiT) in 2012, following the 2011 Fukushima disaster. The subsidy of ¥40 (\$0.37) per kilowatt-hour (kWh) for ...

Japanese solar companies have been manufacturing solar panels for over half a century. Find out what makes Japanese solar panels so special. ... This led to the country implementing solar power at an incredible pace. ... In 2006 Honda ...

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An adviser at the Japanese research institute Japan Space Systems, Koichi Ijichi, shared details about the

country"s plans to make a mini space-based solar power plant. The plant will wirelessly ...

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