

Breakthrough in butterfly solar power generation

In the hunt for sustainable energy, solar power has emerged as a front runner for supplying part of the world's energy needs. And Will Tingle has been finding out how three species of ...

This butterfly's wings aren't blue because of pigment... they bend light with microscopic structures! ? Scientists are copying this design to make solar panels more efficient and even create...

Based on the wings of the Blue Morpho Dides butterfly, the engineers have created nanostructures that could reimagine the way we control light in modern materials. The research ...

A new study of the NANOMO Research Unit of the University of Oulu offers a unique route to enhance light harvesting efficiency occurring in manmade solar cells.

All of that could change much sooner than anticipated, as an Australian research team recently made a scientific breakthrough based on flying butterflies that could change the course of ...

The quick summary: Australian engineers created nanostructures inspired by butterfly wings that can direct sunlight with unprecedented precision, enhancing solar cell efficiency by ...

Butterfly Power is a hybrid micro-grid & energy storage integration company. We create Super-systems integrating solar, wind, water, waste technologies and electric vehicles into energy ...

Discover how the wings of the black butterfly have inspired a revolutionary technology to improve the efficiency of solar panels by 200%.

Inspired by the wings of butterflies, Australian engineers developed a photovoltaic material that absorbs the full light spectrum. See how it works.

With its shape of a butterfly, it shows that transformation from fossil fuels to clean renewable energies and other technologies is possible - like the earth-bound caterpillar transforms into a free-flying and ...

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