

Composed of cholesteric liquid crystals (CLCs), this new coating redirects sunlight toward the window's edges, where photovoltaic (PV) cells capture and convert it into electricity.

Scientists in China have developed a new way of harvesting solar power by applying a translucent coating over a window to direct energy from ambient light to the edge of the glass -- ...

In a groundbreaking development poised to revolutionize sustainable energy, scientists have unveiled a transparent coating that can transform ordinary windows into efficient solar panels, ...

The researchers used a transparent, colorless, and one-directional solar concentrator that can easily and directly be applied to standard window glass. It's made with a coating of ...

Scientists at Nanjing University have developed a transparent, colorless solar coating that can be directly applied to glass. This converts everyday windows into clean energy sources without ...

Scientists have created a transparent solar coating that turns ordinary windows into clean energy generators without affecting clarity. Using cholesteric liquid crystal layers, the coating...

Scientists have developed a brand new, clear coating that can be applied to any standard window to turn it into an effective solar panel - while still keeping the window largely ...

The innovation not only preserves the appearance of traditional glass but also incorporates efficient power generation.

Researchers in China have created a transparent, colorless, and unidirectional solar concentrator that can be directly coated onto standard window glass and used to harvest sunlight ...

A team at Nanjing University has developed a transparent, colorless solar concentrator that can be coated directly onto standard glass, offering a way to generate clean energy without ...

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