Title: Heterostructure solar glass
Generated on: 2026-03-05 19:45:04

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These heterostructures are highly suitable for bifunctional, self-cleaning and anti-reflective coating applications on building glass and photovoltaic glass covers.

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The samples were encapsulated using ultra-thin glass and exposed to 532 nm lasers, which were calibrated to 1 sun condition by adjusting the power and optical density.

A standardized model is presented for evaluating the efficiency of spectral converters integrated into PV glass, systematically assessing spectral absorption and ...

In this work, a simulation study of a heterojunction solar cell was performed with SCAPS (a solar cell simulator) using TiO2 as an n-type and CuO as a p-type layer.

A standardized model is presented for evaluating the efficiency of spectral converters integrated into PV glass, systematically ...

Transparent, anti-reflective, visible-light-driven photocatalytically active and superhydrophilic heterostructure coating have been synthesized on glass substrates.

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