Title: Solar energy storage heterojunction
Generated on: 2026-03-21 15:36:04

By virtue of the high crystallinity, tunable structure and accessible pore systems of covalent organic frameworks (COFs), COF-based heterojunction photocatalysts have shown ...

Herein, we present an ?-Fe 2 O 3 /Cu x O p-n junction, coupled with a readily scalable nanostructure, that increases the electrochemically active sites and improves charge ...

To put this in perspective, a heterojunction solar system can generate 20-30% more electricity than conventional panels using the same roof space.

As a novel energy storage system, the combination of Pseudo-capacitance materials with photosensitive semiconductors to construct heterojunctions is regarded as a ...

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