New solar cell

A major breakthrough in solar technology could make solar energy cheaper, more efficient, and more widely accessible. A report by PV Magazine shared how researchers have ...

Researchers report a chemical stabilizer that pushes perovskite solar cells past 26% efficiency while sharply improving light durability.

We explore the nine most exciting developments in the solar industry in 2025, from indoor solar panels to "two-for-one" fission.

Verified by Germany"s prestigious Institute for Solar Energy Research Hamelin (ISFH), this new solar cell promises to bring us closer to the theoretical limits of solar energy conversion, ...

These advances collectively highlight the maturation of perovskite solar cells towards commercial viability and industrial scalability.

The solar energy world is ready for a revolution. Scientists are racing to develop a new type of solar cell using materials that can convert electricity more efficiently than today"s panels.

From traditional silicon-based panels to cutting-edge perovskite and organic solar cells, scientists are exploring new materials and designs to capture more energy from the sun.

Uncover the latest and most impactful research in Solar Cells. Explore pioneering discoveries, insightful ideas and new methods from leading researchers in the field.

Solar cells that combine traditional silicon with cutting-edge perovskites could push the efficiency of solar panels to new heights.

Current commercially available solar panels convert about 20-22% of sunlight into electrical power. However,

new research published in Nature has shown that future solar panels ...

Current commercially available solar panels convert about 20 ...

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