



Scientists make 'miracle material' breakthrough to revolutionise solar power

Description



Scientists have discovered a way to make ultra-efficient solar cells on a commercial scale using the “[miracle material](#)”

” perovskite.

A team from the City University of Hong Kong (CityU) and Imperial College London made the discovery in a breakthrough that could have major implications for [renewable energy](#) production and reaching zero carbon objectives. Perovskite has been hailed for its remarkable properties compared to traditional silicon solar cells, however until now they have been too unstable to be suitable for commercial use. The next-generation cells are expected to cost less, have a much higher power conversion efficiency, and be lightweight and flexible – opening up new applications like coating glass windows with thin layers of solar panels.

Read the full article at: www.independent.co.uk

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