

The wind leaf fungus that generates electricity

Researchers have created leaf-shaped "power plants" that generate electricity from wind and rain, offering a new multi-source approach to clean energy production.

They started with a triboelectric nanogenerator (TENG), which converts motion into electricity by harnessing the phenomenon behind static electricity. TENGs produce power from the ...

Researchers develop artificial "power plants" in the form of tiny leaf-shapes to harness energy from the wind and rain.

Leaves fluttering in the wind are a common sight. Now imagine if that motion could be harnessed to power a device. It might sound far-fetched, but it's possible thanks to the phenomenon ...

Here's how the fungal battery, developed at the Swiss Federal Laboratories for Materials Science and Technology (Empa), is able to generate electricity.

ECE Professor Ravinder Dahiya sees potential in leaf-shaped generators that use wind and rain power to produce electricity. The research was published in the journal ACS Sustainable ...

In an effort to harness energy from wind and rain, Italian researchers have created an innovative system that can be integrated into plants, according to a report by IEEE Spectrum. This ...

Researchers in Italy have developed an energy-harvesting ...

Researchers developed literal "power plants" -- tiny, leaf-shaped generators that create electricity from a blowing breeze or falling raindrops -- and described them in ACS Sustainable ...

Researchers in Italy have developed an energy-harvesting system that can be embedded within plants and creates electricity from raindrops or wind. Under rainy or windy conditions, the ...

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