

An international team of researchers from the Department of Chemical Engineering at Vrije Universiteit Brussel, Riga Technical University, the Royal Melbourne Institute of Technology, ...

Surging global energy demand, driven by technologies like AI, electric vehicles and data centers, has intensified the search for sustainable energy solutions. Fossil fuels remain dominant but ...

The implications for the energy sector are vast, potentially leading to more efficient and cost-effective processes in power generation and beyond. At the heart of this breakthrough is the ...

Scientists discover smart way to generate energy with tiny beads Date: March 11, 2025 Source: Vrije Universiteit Brussel Summary: Researchers have discovered a new method to ...

Imagine a world where your clothing generates electricity as you move--no batteries, no chargers, just energy from motion. Researchers have found that tiny beads rubbing together can ...

The research now shows that when a surface made up of closely packed small beads comes into contact with another surface containing the same beads, some beads gain a positive ...

A new electricity generation method using tiny friction-powered beads opens possibilities for self-powered wearable devices and sustainable energy solutions.

A research breakthrough enabled scientists to use tiny spheres of matter to produce power. This new method can reshape our energy generation system to become more sustainable ...

An international research team has discovered that tiny plastic beads can generate electricity through friction.

Scientists have discovered a way to generate electricity using tiny beads, paving the way for self-powered wearables and sustainable energy solutions.

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