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Graphite tiles protect the plasma chamber of a fusion plant.

50 | CHARGED UP

Illustration of a magnetar: the stellar corpses with an extreme magnetic field could generate high-energy radio bursts.

62 | CLEARED UP

A sophisticated method reveals why some medications can cause skin peeling.

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Light stimuli play a crucial role in our internal clock.

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Batene GmbH uses metal fleece as a contact material to make batteries significantly more powerful, safer, and cheaper.

30 | On the Home Stretch to Fusion Power

Startup Proxima Fusion is working on a market-ready fusion power plant. The company aims to build a demonstration that will generate energy for the first time within the 2030s.

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Viktor Orbán is transforming his country into one of the world's biggest battery producers. Max Planck researcher Pálma Polyák is investigating the consequences of this economic strategy.

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Fast radio bursts release as much energy within milliseconds as the Sun does in an entire year. Researchers want to find out what causes these mysterious bursts.

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Max Planck researchers are investigating how the EU is governing the digital public space, where regulation falls short, and how the power of profit-oriented platforms could be limited.

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Image analysis using AI makes it possible to record the protein profile of a cell and to compare healthy and diseased cells. This could help to diagnose cancer and other diseases more accurately and develop customized therapies.

66 | Of Night Owls and Early Birds

The body's internal clock controls almost all physiological processes and also determines whether people are early birds or night owls. Chronobiology investigates how light calibrates the internal clock.

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