



Mit 10 breakthrough technologies 2023

Pedestrians now walk faster and linger less, researchers find A computer vision study compares changes in pedestrian behavior since 1980, providing information for urban designers about creating public spaces. July ...

MIT researchers found that special kinds of neural networks, called encoders or "tokenizers," can do much more than previously realized. The AI-enabled platform serves as a hub for MIT's lifelong learning opportunities. ...

The MIT Electric Vehicle Team, Sustainable Engine Team, Solar Electric Vehicle Team, Motorsports Team, First Nations Launch Team, and Arcturus are each doing their part to improve the health of our planet.

Based on artificial intelligence technology and using deep learning image classification principles, factory product defects are automatically classified. The AI model algorithm is upgraded and ...

How an MIT professor introduced hundreds of thousands of students to neuroscience With an emphasis on approachability, Professor Mark Bear's "Neuroscience: Exploring the Brain" enters its fourth decade as the text ...

Since the advent of 3D printing technology, its unique layer-by-layer additive manufacturing approach has broken many limitations of traditional manufacturing, sparking a "manufacturing ...

MIT biologists discover a new type of control over RNA splicing They identified proteins that influence splicing of about half of all human introns, allowing for more complex types of gene regulation.

Here's an in-depth look at nine breakthrough technologies poised to change how we live, work, and connect in the coming decade. 1. Artificial Intelligence and Machine Learning. AI ...

Supporting mission-driven space innovation, for Earth and beyond Aurelia Institute, founded by a team from MIT, serves as a research lab, an education and outreach center, and a policy hub for the space industry. July ...

New machine-learning application to help researchers predict chemical properties ChemXploreML makes advanced chemical predictions easier and faster -- without requiring deep programming skills. July 24, 2025 Read ...

The Mortgage Innovation & Technology Awards (MITAs) celebrate the visionaries, disruptors, and digital pioneers who are reshaping the future of the mortgage industry. From breakthrough ...



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The extraordinarily rapid recent pace of innovation in AI--and the swiftly evolving capabilities of generative AI--along with (now well-established) predictive AI and other digital and deep tech, are enabling breakthrough ...

The unique, mathematical shortcuts language models use to predict dynamic scenarios Language models follow changing situations using clever arithmetic, instead of sequential tracking. By controlling when these ...

Top 25 New Technology Trends in 2025 Whether you are a business leader with an enthusiasm for technology or simply intrigued by what the future has in store for technology, this guide will walk you through the top 20 ...



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