

# ARTIFICIAL INTELLIGENCE





Al Index Report 2023 - Artificial **Intelligence Index** 

The Al Index is an independent initiative at the report tracks, collates, distills, and visualizes

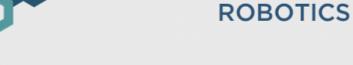
Stanford Institute for Human-Centered Artificial Intelligence (HAI), led by the AI Index Steering Committee, an interdisciplinary group of experts from across academia and industry. The annual data...



The future of learning: Al is revolutionizing education 4.0 Al is revolutionizing education 4.0, enhancing human-led teaching, promoting equity and

preparing students to use and innovate with Al for future work. weforum.org

aiindex.stanford.edu





**Your Guide to the World of Robotics** The world's largest catalog of robots, drones, and self-driving cars, with thousands of photos, videos, tech specs, news, and information on how to get into robotics. Brought to you by IEEE Spectrum.

robotsguide.com

helping to pack customer orders. bbc.com

work

At Ocado's newest warehouse robotic arms are

How robots are taking over warehouse





Manufacturing The progress in generative AI, particularly large language models (LLMs), opens new prospects in design and manufacturing. Our research explores the use of these tools throughout the

**Large Language Models for Design and** 

entire design and manufacturing workflow. We assess the capabilities of LLMs in various . . . III mit-genai.pubpub.org

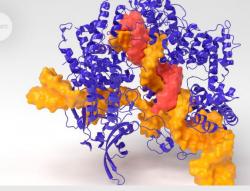
Fifth-generation or '5G' connectivity for cellular technology has only been the standard for networks for around five years, but with 6G already on the horizon, developers are looking for ways to take full advantage of the next generation's expansive... sciencealert.com

**New 6G Wireless Tech Is 500 Times** 

**Faster Than Average 5G Smartphones** 

LIFE SCIENCES





Some of the Al-designed gene editors could be more versatile than those found in nature. Some

'ChatGPT for CRISPR' creates new

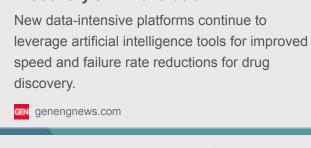
gene-editing tools

of the Al-designed gene editors could be more versatile than those found in nature. nature.com



genengnews.com

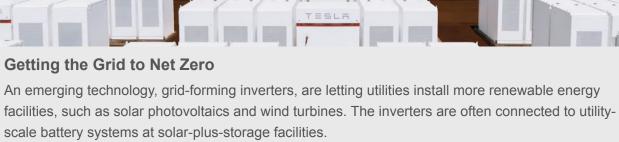




**ENERGY** 









spectrum.ieee.org

**CYBERSECURITY** 





**AEROSPACE** 



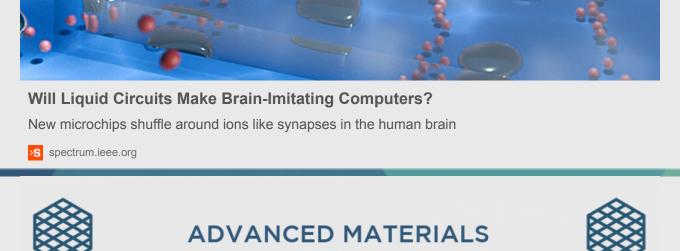
theverge.com





**ARTIFICIAL SENSING** 











2 8 X 43

串 2.1km

IN THE LAB

New tech could help traveling VR gamers experience 'ludicrous speed' without

Vehicle passengers using VR headsets to pass the time during travel could be set to enjoy games

which move at 'ludicrous speed' without experiencing motion sickness, researchers say.

J M L

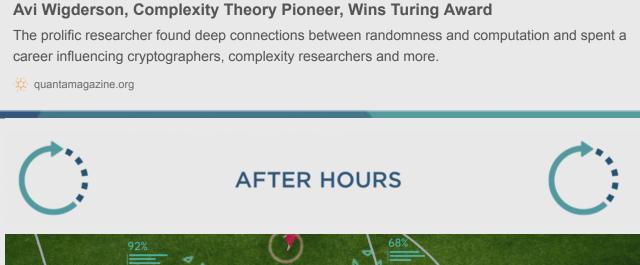
0.5km

motion sickness

techxplore.com







Google's Al is now suggesting new football tactics

Football (or soccer) is about to get a lot more tactical.

**Z** zmescience.com











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