



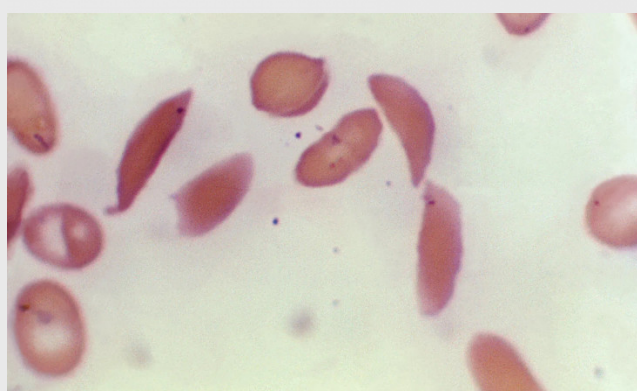
**Feeding 8 billion people has changed our planet. Here's why we can't keep doing it the same way**

Human history is shaped by our ability to feed ourselves. See how population growth is tied to farmland, and how food production's profound environmental effect shows us the need for change.

AP projects.apnews.com



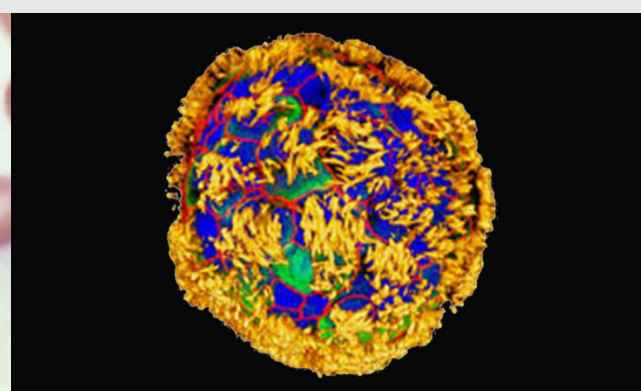
LIFE SCIENCES



**U.S. approves first gene-editing treatment, Casgevy, for sickle cell disease**

The approval comes about a decade after the discovery of CRISPR technology for editing human DNA, representing a significant scientific advancement.

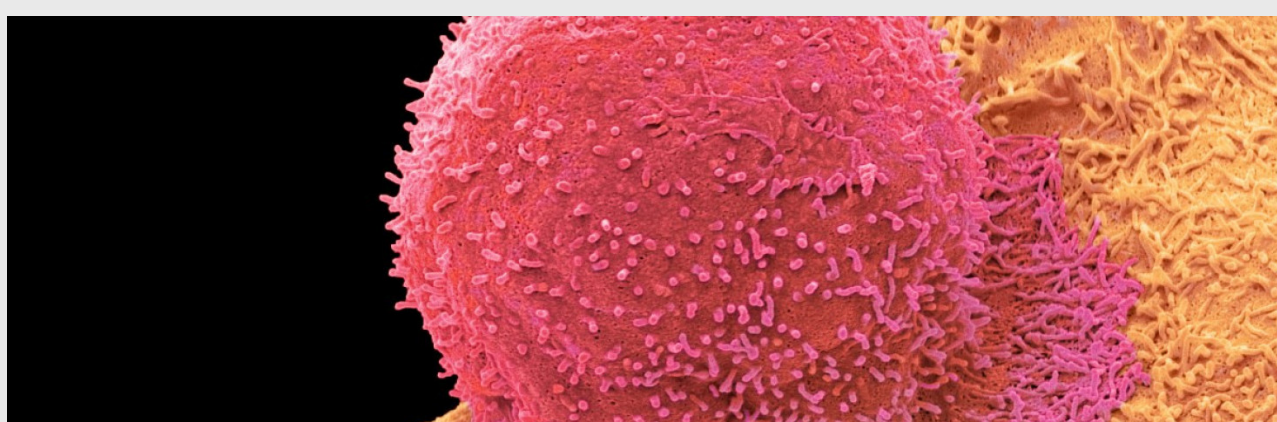
cncb.com



**Scientists build tiny biological robots from human cells**

The multicellular biobots can move around and help heal "wounds" created in plated neurons

wyss.harvard.edu



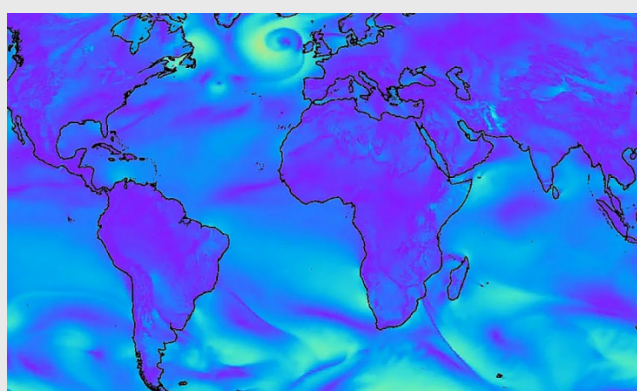
**Innovative new cell therapies could finally get at tough-to-target cancers**

CAR T treatments help revolutionize treatment of blood cancer. Now, researchers are engineering immune cells to take aim at solid tumors.

technologyreview.com



ARTIFICIAL INTELLIGENCE



**GraphCast: AI model for faster and more accurate global weather forecasting**

Our state-of-the-art model delivers 10-day weather predictions at unprecedented accuracy in under one minute

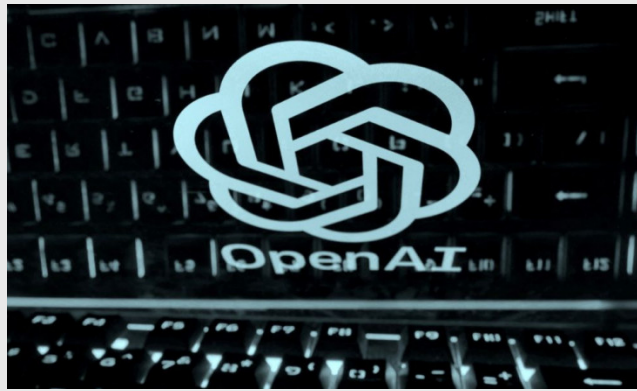
deepmind.google



**500 chatbots read the news and discussed it on social media. Guess how that went.**

Scientists built a fake Twitter and filled it with 500 bots. Then they sat back and watched.

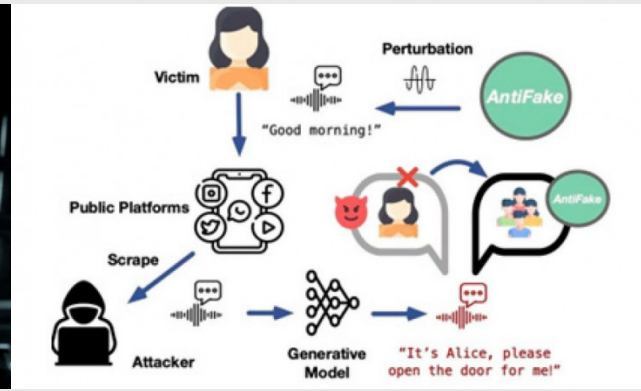
businessinsider.com



**Unpacking the hype around OpenAI's rumored new Q\* model**

If OpenAI's new model can solve grade-school math, it could pave the way for more powerful systems.

technologyreview.com



**Worried about AI hijacking your voice for a deepfake? This tool could help**

Emerging tools may make it easier for the public to detect fake online videos, and more difficult for generative AI systems to create them.

npr.org



INFRASTRUCTURE



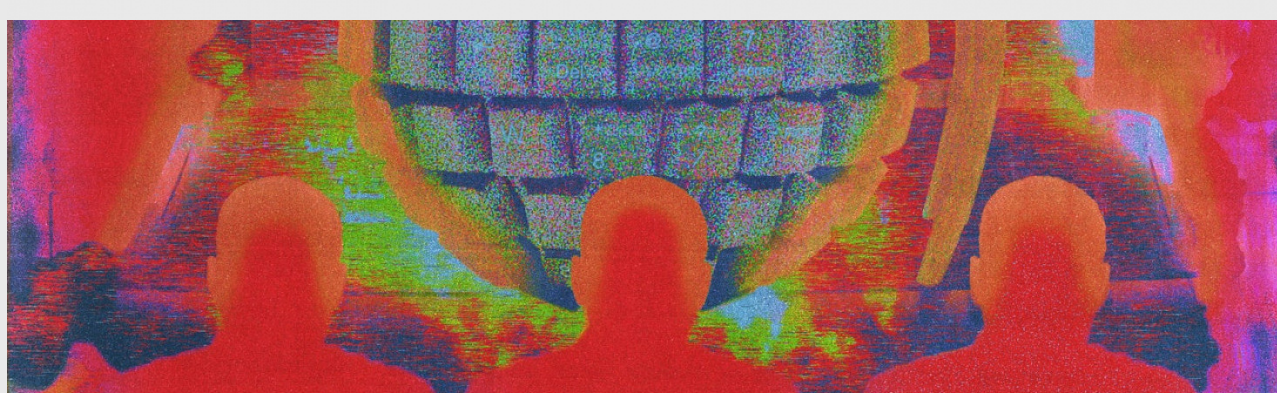
**Inside An Apple Lab That Makes Custom Chips For iPhone And Mac**

Apple has designed its own custom chips for iPhones since 2010, kicking off a trend followed by other non-chip giants like Google, Microsoft, Amazon and Tesla. In November, CNBC became the first journalists to film inside an Apple chip lab, where it tests its latest M3 chips that replaced Intel...

youtube.com



CYBERSECURITY



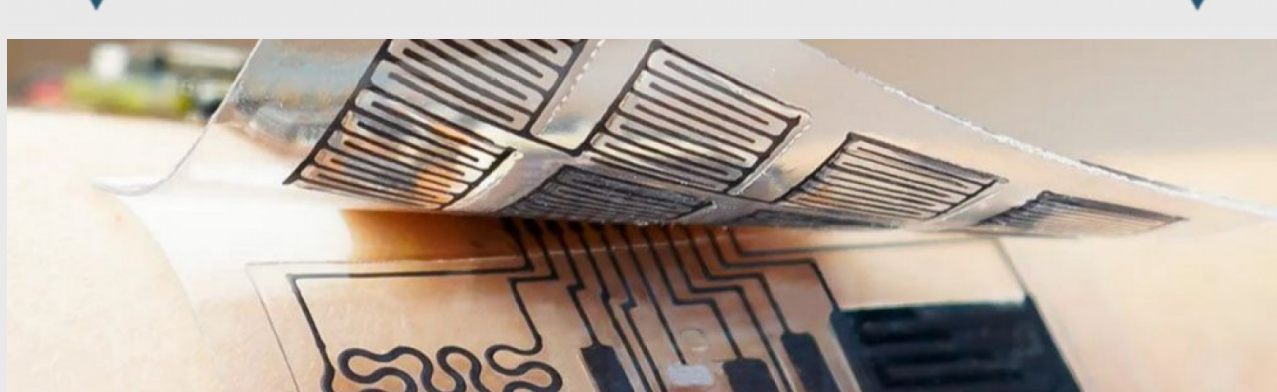
**The Mirai Confessions: Three Young Hackers Who Built a Web-Killing Monster Finally Tell Their Story**

Netflix, Spotify, Twitter, PayPal, Slack. All down for millions of people. How a group of teen friends plunged into an underworld of cybercrime and broke the internet-then went to work for the FBI.

wired.com



ENERGY



**Energy Harvesting for Wearable Technology Steps Up**

Tiny worn devices won't need batteries thanks to these innovations

spectrum.ieee.org



ROBOTICS



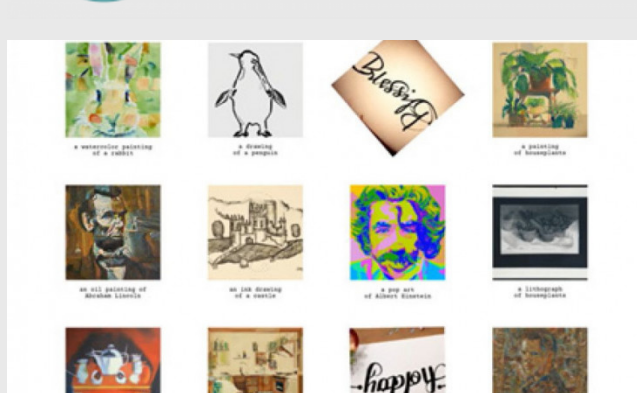
**Robot Hand With Working Tendons Printed in One Go**

Multimaterial 3D-printing approach produces functional devices in a single shot

spectrum.ieee.org



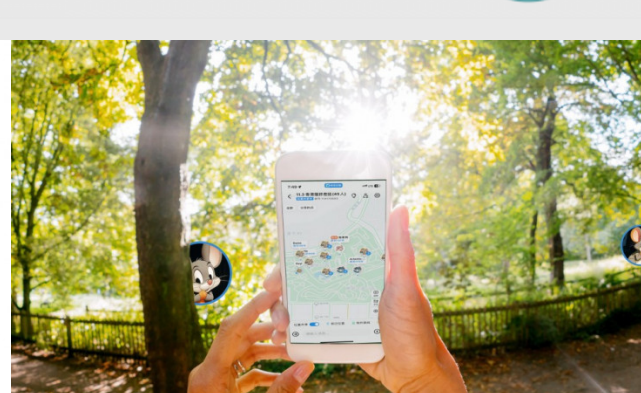
AFTER HOURS



**Visual Anagrams: Generating Multi-View Optical Illusions with Diffusion Models**

Optical illusions zero-shot from diffusion models.

dangeng.github.io



**This viral game in China reinvents hide-and-seek for the digital age**

I was in a park with 40 strangers, trying to catch and evade each other with the help of live locations shared through a map app.

technologyreview.com

