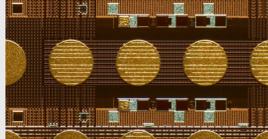


The Biggest Companies in the World in 2021
 The 100 biggest companies in the world were worth a record-breaking \$31.7 trillion as of the end of Q1, up 48% year-over-year.

visualcapitalist.com

ARTIFICIAL INTELLIGENCE



NVIDIA and the battle for the future of AI chips
 NVIDIA's GPUs dominate AI chips. But a raft of startups say new architecture is needed for the fast-evolving AI field

wired.co.uk



Towards Artificial Intelligence in Architecture: How machine learning can change the way we approach design

Advances in artificial intelligence and machine learning are often perceived as a threat to the creative process.

fosterandpartners...



New Deepfake Method Solves the 'Face Host' Problem

Despite several years of media hyperbole about the potential for deepfake images to undermine our long-held faith in the authenticity of video footage

unite.ai



AI emotion-detection software tested on Uyghurs

A software engineer tells BBC's Panorama about installing the system in police stations in Xinjiang.

bbc.com

LIFE SCIENCES



This New Database of Over 350,000 Proteins Will Change The Research of Life Itself

Scientists on Thursday unveiled the most exhaustive database yet of the proteins that form the building blocks of life, in a breakthrough observers said would "fundamentally change biological research".

sciencealert.com



Researchers match DeepMind's AlphaFold2 protein folding power with faster, freely available model

DeepMind stunned the biology world late last year when its AlphaFold2 AI model predicted the structure of proteins (a common and very difficult problem) so accurately that many declared the decades-old problem "solved."

techcrunch.com



Move over CRISPR, the retrons are coming

New gene editing technique enables millions of genetic experiments to be performed simultaneously

wyss.harvard.edu



Synthetic biology could help business save the planet

Synthetic biology offers ways to reengineer almost everything humans consume—which in turn could radically reduce our environmental impact.

fortune.com

AEROSPACE



The woman who brought us the world

A half-century ago, Virginia Tower Norwood '47 invented the first multispectral scanner to image Earth from space.

technologyreview.com

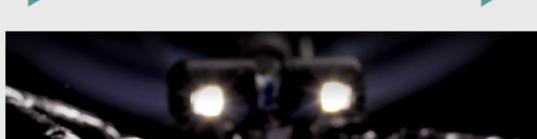


The World's First Space Hotel to Open in 2027

The Voyager Station, which would accommodate 280 guests, aims to be the first commercial space hotel upon completion

architecturaldigest.com

ROBOTICS



Fantastic Voyage-Inspired Miniature Surgical Robot Aims To Revolutionize Abdominal Surgery

As a kid, Adam Sachs, cofounder and CEO of Vicarious Surgical, watched the 1966 science-fiction movie Fantastic Voyage and was enamored of the premise of microscopic surgeons who performed surgery inside a scientist's brain.

forbes.com

IN THE LAB



Memory-making involves extensive DNA breaking

To provide access to genes needed for the encoding and storage of memories, brain cells snap open their DNA, breaking both strands. A new study finds this happens more extensively than previously realized and it occurs not only in neurons but other supporting cell types.

news.mit.edu



Eternal Change for No Energy: A Time Crystal Finally Made Real

Like a perpetual motion machine, a time crystal forever cycles between states without consuming energy. Physicists claim to have built this new phase of matter inside a quantum computer.

quantamagazine.org

AFTER HOURS



Using AI to make dubbing less distracting

Startup Flawless AI studies how actors move their mouths and swaps the movements out according to the dubbed words in different languages. #News #Reuters #AI...

youtube.com



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