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SCIENCE



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*"Person Holding Laboratory Flask" by Chokniti Khongchum is licensed under CC.
"Blue, Orange, And White Abstract Painting" by Steve Johnson is licensed under CC.
"Robot Pointing on a Wall" by Tara Winstead is licensed under CC.
"Kick Chess Piece Standing" by George Becker is licensed under CC.*

SCIENCE



Credit: Pxhere

NASA ready for second attempt at Artemis lunar launch.

(September 3, 2022)

Ground teams at Kennedy Space Center prepared on Saturday for a second try at launching NASA's towering, next-generation moon rocket on its debut flight, hoping to have remedied engineering problems that foiled the initial countdown. Tests indicated technicians have since fixed a leaky fuel line that contributed to Monday's canceled launch, Jeremy Parsons, a deputy program manager at the space center, told reporters.



Credit: Reuters

Read more at:

<https://timesofindia.indiatimes.com/home/science/nasa-ready-for-second-attempt-at-artemis-lunar-launch/articleshow/93963311.cms>

Two antibodies identified in Israel may fight all known Covid strains: Study.

(September 8, 2022)

Scientists in Israel have isolated two antibodies from the immune system of recovered Covid-19 patients that may neutralise all known strains of SARS-CoV-2, including Omicron, with up to 95 per cent efficiency. The team at Tel Aviv University noted that targeted treatment with antibodies and their delivery to the body in high concentrations may serve as an effective substitute for vaccines, especially for at-risk populations and those with weakened immune systems.

Read more at:

<https://timesofindia.indiatimes.com/home/science/two-antibodies-identified-in-israel-may-fight-all-known-covid-strains-study/articleshow/94070090.cms>

ARTS



Credit: Pxhere

Why Queen Elizabeth II was one of the greatest performance artists of all time.

(September 8, 2022)



Credit: Chris Radburn/
Alamy Stock Photo

The controlled, carefully evolving, global visibility of Queen Elizabeth II was one of the great demonstrations of durational performance art. It was a feat made all the more remarkable by the consistency and longevity of its development, made possible by the Queen's powers of concentration, stamina and presence of mind. She became a Marina Abramovic for the ages. Her life as Queen was a performance face-to-face with the public, in person or on television or online.

Read more at:

<https://www.theartnewspaper.com/2022/09/08/is-queen-elizabeth-ii-the-ultimate-performance-artist>

The Armory Show, 'New York's art fair', is an increasingly global juggernaut.

(September 9, 2022)

The Armory Show's 2022 edition arrived in New York on 8 September and by all accounts the Javits Center, a convention hall that spans a mammoth four city blocks along Eleventh Avenue, was as much the centre of focus during the VIP preview as any of the stands within it. While it is quaintly billed as "New York's art fair", The Armory Show is easily as global as the last meeting of the United Nations Security Council. The fair this year leaned into the global theme by aiming its curatorial and programming spotlights on Latin America.

Read more at:

<https://www.theartnewspaper.com/2022/09/09/the-armory-show-2022-global-prescience>

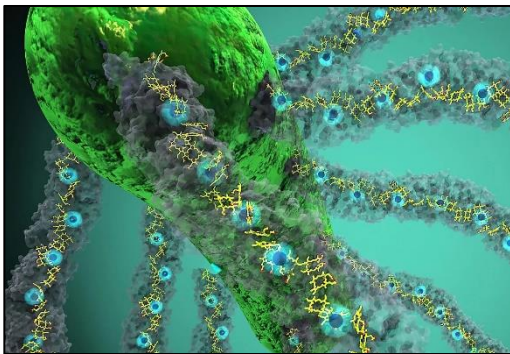
TECHNOLOGY



Credit: Unsplash

Yale scientists discover that light accelerates conductivity in nature's "electric grid".

(September 7, 2022)



Credit: Ella Maru Studio

In a new research study, Yale University scientists found that light is a surprising ally in fostering this electronic activity within biofilm bacteria. They discovered that exposing bacteria-produced nanowires to light yielded an up to a 100-fold increase in electrical conductivity. The results could provide new insights as researchers pursue ways to exploit this hidden electrical current for a variety of purposes.

Read more at:

<https://scitechdaily.com/yale-scientists-discover-that-light-accelerates-conductivity-in-natures-electric-grid/>

Quantum breakthrough: Researchers demonstrate full control of a three-qubit system.

(September 9, 2022)

By demonstrating error correction in a three-qubit silicon-based quantum computing device, researchers from RIKEN in Japan have made a significant advancement toward large-scale quantum computing. Silicon-based quantum technology, which has just recently started to be developed, is known to offer an advantage in that it uses a semiconductor nanostructure comparable to what is frequently used to integrate billions of transistors on a compact chip, and hence potentially benefits from existing manufacturing technology.

Read more at:

<https://scitechdaily.com/quantum-breakthrough-researchers-demonstrate-full-control-of-a-three-qubit-system/>

SPORTS



US Open 2022: Sensational Iga Swiatek downs Ons Jabeur to claim maiden title.

(September 11, 2022)

World number one Iga Swiatek swept to victory over Tunisia's Ons Jabeur 6-2 7-6(5) in the U.S. Open final on Saturday to clinch her maiden trophy at Flushing Meadows and third Grand Slam crown. Poland's Swiatek fell on her back and covered her face with her hands after prevailing in the tight second set tiebreak, having sealed the win when the fifth seed's shot sailed long.



Credit: AFP

Read more at:

<https://timesofindia.indiatimes.com/sports/tennis/us-open/us-open-2022-sensational-iga-swiatek-downs-ons-jabeur-to-claim-maiden-title/articleshow/94125698.cms>

India lose by nine wickets against dominant England in first T20I.

(September 11, 2022)

The Indian women's cricket team failed to click with both bat and ball, proving it to be a no match against a dominant England side in a nine-wicket drubbing in the first T20 Internationals. Sent into bat by England skipper Amy Jones, the Indian batters came a cropper against leg-spinner Sarah Glenn's four-for and were restricted to a measly 132 for seven in their stipulated 20 overs at Riverside Ground.

Read more at:

<https://timesofindia.indiatimes.com/sports/cricket/news/india-lose-by-nine-wickets-against-dominant-england-in-first-t20i/articleshow/94127786.cms>

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