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"Close-Up View of Laboratory Glasswares and Colorful Chemicals" by Kindel Media is licensed under CC.

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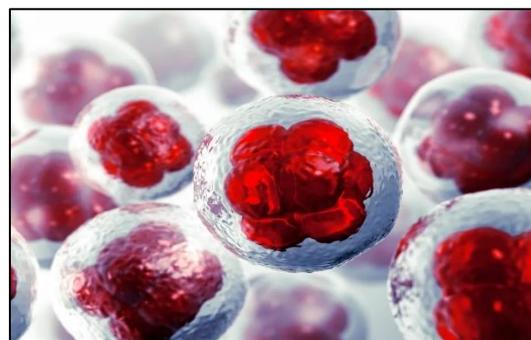
SCIENCE

Credit: Pixabay

Harvard scientists have developed a revolutionary new treatment for diabetes.

(June 12, 2022)

Scientists have recently discovered a new treatment method that holds promise in the treatment for diabetes. Researchers have successfully treated Type 1 diabetes by transplanting insulin-producing pancreas cells into the patient. Their method includes transferring insulin-producing pancreas cells, known as pancreatic islets, from a donor to a recipient without the need for long-term immunosuppressive medicines.



*Representative Image
Credit: SciTechDaily*

Read more at:

<https://scitechdaily.com/harvard-scientists-have-developed-a-revolutionary-new-treatment-for-diabetes/>

Molecule in the nervous system may hold key to treating chronic pain.

(June 13, 2022)

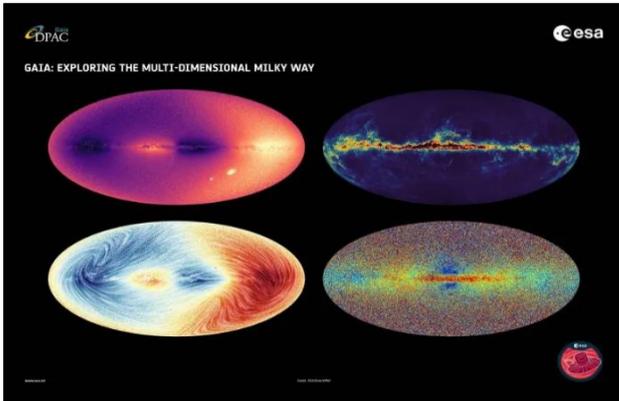
Researchers reveal a potential new way to treat chronic pain using anti-cancer drugs rather than opioid-based pain medication. Researchers identified the existence of a molecule in the nervous system that enhances sensitivity to pain. By targeting this molecule it may now be possible to use already existing anti-cancer drugs to block pain.

Read more at:

<https://www.sciencedaily.com/releases/2022/06/220613112123.htm>

Starquakes! Gaia spacecraft sees strange stars in most detailed Milky Way survey to date.

(June 13, 2022)



Credit: ESA/Gaia/DPAC

Gaia is a mission of the European Space Agency (ESA) to create a precise three-dimensional map of more than a billion stars throughout our Milky Way galaxy and beyond. Astronomers describe strange 'starquakes', stellar DNA, asymmetric motions, and other fascinating insights in this most detailed Milky Way survey to date. The data also includes special subsets of stars, like those that change brightness over time.

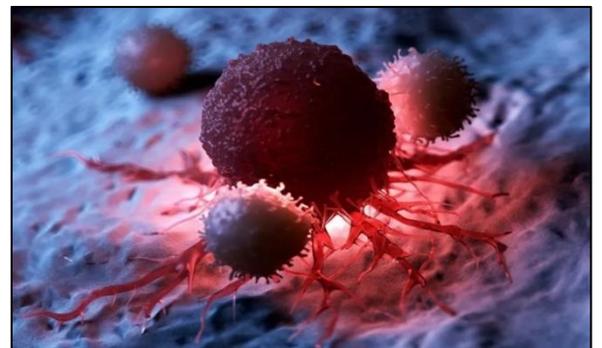
Read more at:

<https://scitechdaily.com/starquakes-gaia-spacecraft-sees-strange-stars-in-most-detailed-milky-way-survey-to-date/>

Scientists create nanoparticle that helps fight solid tumors.

(June 14, 2022)

Researchers from Wake Forest University School of Medicine have discovered a possible new approach in treating solid tumors through the creation of a novel nanoparticle. Researchers used a small molecule called ARL67156 to promote an anti-tumor immune response in mouse models of colon, head and neck, and metastatic breast cancer, resulting in increased survival.



Credit: SciTechDaily

Read more at:

<https://www.sciencedaily.com/releases/2022/06/220614141540.htm>

Pioneering study shows climate played crucial role in changing location of ancient coral reefs.

(June 14, 2022)

Prehistoric coral reefs dating back up to 250 million years extended much further away from the Earth's equator than today, new research has revealed. The study, demonstrates how changes in temperature and plate tectonics, where the positions of Earth's continents were in very different

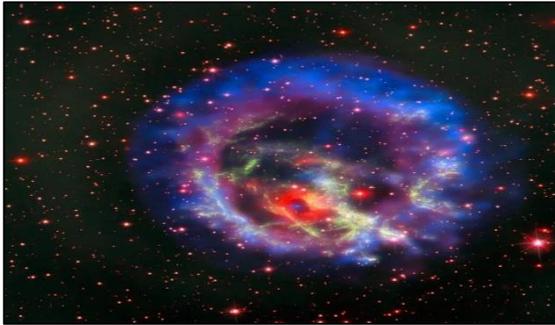
positions than today, have determined the distribution of corals through the ages. They showed that corals in the past, from 250 to about 35 million years ago, existed much further from the equator than today.

Read more at:

<https://www.sciencedaily.com/releases/2022/06/220614122638.htm>

New type neutron star discovered in unusual galactic graveyard.

(June 16, 2022)



An international team led by a University of Sydney scientist has discovered an unusual radio signal emitting neutron star that rotates extremely slowly, completing one rotation every 76 seconds. The star is unique because it resides in the ‘neutron star graveyard’, where no pulsations are expected. The discovery was made by the MeerTRAP team using the MeerKAT radio telescope in South Africa.

Credit:ESO/NASA, ESA and the Hubble Heritage Team (STScI/AURA)/F. Vogt et al.

Read more at:

<https://scitechdaily.com/new-type-neutron-star-discovered-in-unusual-galactic-graveyard/>

Scientists discover largest plant on Earth – estimated to be at least 4,500 years old.

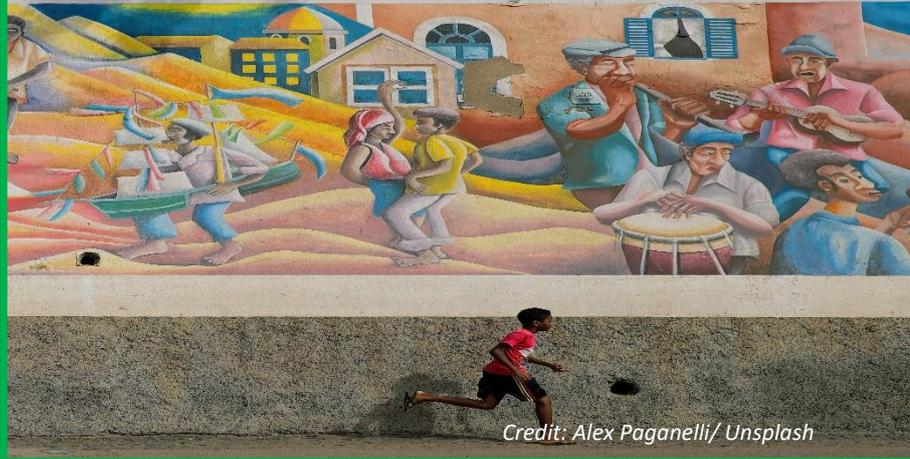
(June 17, 2022)

Australian scientists believe they have discovered the world’s biggest plant – and they estimate it’s at least 4,500 years old. The ancient and incredibly resilient seagrass stretching across 112 miles (180 km) was located by researchers from The University of Western Australia (UWA) and Flinders University. The discovery of the single plant or ‘clone’ of the seagrass *Posidonia australis* in the shallow, sun-drenched waters of the World Heritage Area of Shark Bay in Western Australia is detailed in a new study published in *Proceedings of the Royal Society B*.

Read more at:

<https://scitechdaily.com/scientists-discover-largest-plant-on-earth-estimated-to-be-at-least-4500-years-old/>

ARTS



Credit: Alex Paganelli/ Unsplash

At Art Basel, Hauser & Wirth reports sale of Louise Bourgeois 'Spider' for \$40 M., a record for the artist.

(June 14, 2022)



Credit: THE EASTON FOUNDATION/VAGA AT ARS, NY

The mega-gallery Hauser & Wirth said it sold a 1996 steel version of Louise Bourgeois's iconic Spider sculpture for \$40 million at Art Basel during the Swiss fair's first VIP day. The \$40 million paid for the nearly 11-foot-long work, which towers over Hauser & Wirth's booth, is the biggest sum ever publicly reported for a Bourgeois work. It is made of steel.

Read more at:

<https://www.artnews.com/art-news/market/louise-bourgeois-spider-sale-art-basel-hauser-wirth-1234631849/>

Tourmaline, Helena Uambembe win Art Basel's biggest art prize.

(June 14, 2022)

The Baloise Art Prize, the biggest art award associated with the Swiss edition of the Art Basel art fair, has gone this year to artists Tourmaline and Helena Uambembe. The award goes to artists in the "Statements" section of the fair, which is for galleries presenting work by emerging artists and is run by the Baloise Group, a Swiss insurance company based in Basel that has given funding to museums.



Tourmaline and Helena Uambembe
Credit: The Baloise Group

Read more at:

<https://www.artnews.com/art-news/news/art-basel-tourmaline-helena-uambembe-baloise-prize-1234631825/>

Sacrificial altar among 13,000 relics unearthed at Sanxingdui archaeological site in China.

(June 14, 2022)



Credit: Shen Bohan/Xinhua/Sipa USA

A turtleshell-shaped box and a sacrificial altar are among a treasure trove of 13,000 relics dating back over 3,000 years discovered by archaeologists in southwest China. The relics -- many made of gold, bronze and jade -- were unearthed in six sacrificial pits at the Sanxingdui archaeological site. In the most recent excavation, archeologists found 3,155 relatively intact relics, including more than 2,000 bronze wares and statues.

Read more at:

<https://edition.cnn.com/style/article/sanxingdui-china-archaeology-relics-discovery-intl-hnk/index.html>

Rare portrait by Francis Bacon could fetch up to \$42 million at auction.

(June 15, 2022)

A rare portrait by celebrated painter Francis Bacon will go on auction this month at Sotheby's London for the first time in the artwork's history. "Study for Portrait of Lucien Freud," painted in 1964, intimately captures British artist Lucien Freud. The auction for what was once the center painting will take place on June 29 at the London auction house, with experts estimating the piece could fetch up to £35 million (\$42 million).

Read more at:

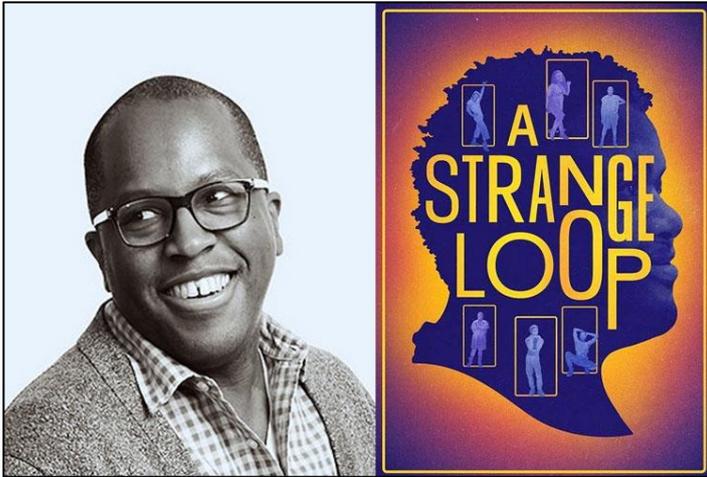
<https://edition.cnn.com/style/article/francis-bacon-lucien-freud-auction/index.html>



Study for Portrait of Lucien Freud
Credit: Sothebys

'A Strange Loop' makes history at Tonys; 'Company' wins 5.

(June 15, 2022)



Michael R. Jackson

Credit: Tisch School of Arts

'A Strange Loop,' an irreverent, sexually frank work about Blackness and queerness took home the best new musical crown at the Tony Awards, as voters celebrated Broadway's most racially diverse season by choosing an envelope-pushing Black voice. Michael R. Jackson's 2020 Pulitzer Prize drama winner is a theater meta-journey — a tuneful show about a Black gay man writing a show about a Black gay man. Jackson also won for best book.

Read more at:

<https://www.thehindu.com/entertainment/a-strange-loop-makes-history-at-tonys-company-wins-5/article65529384.ece>

Chennai-based Madras Players' latest production is a satire aimed at the literary world.

(June 16, 2022)

Madras Players' latest production, helmed by Nikhila Kesavan and brought out in collaboration with Chennai Art Theatre, titled *Dear Omana: Notes on how to be a Literary Sensation* is a satire told for the stage. Adapted from writer and columnist Krishna Shastri Devulapalli's epistolary play and parts of his novel *How to be a Literary Sensation*, the play, says Nikhila, stays true to the former's work. The work, a sharp satire in the form of love letters unabashedly takes on the literary world, armed with humour.



Sarvesh Sridhar and Nikhila Kesavan

Credit: The Hindu

Read more at:

<https://www.thehindu.com/entertainment/theatre/chennai-based-madras-players-latest-production-is-a-satire-aimed-at-the-literary-world/article65526851.ece>

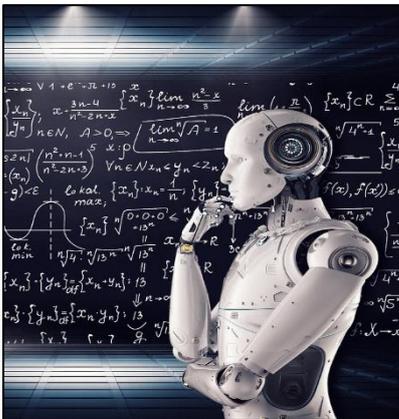
TECHNOLOGY



Credit: Pxhere

Just 12% firms utilising AI to outpace their rivals: Report.

(June 14, 2022)



Representative Image
Credit: Flickr

Only 12% of organisations that use artificial intelligence (AI) are doing it at a maturity level to achieve a strong competitive advantage while the rest are still experimenting with the technology, a new report said. The research from Accenture puts the median AI maturity of organisations at a moderate score of 36, revealing most companies have significant opportunities to generate greater value with AI. Tech firms globally already have a high AI maturity score of 54, which will rise moderately to 60 in 2024.

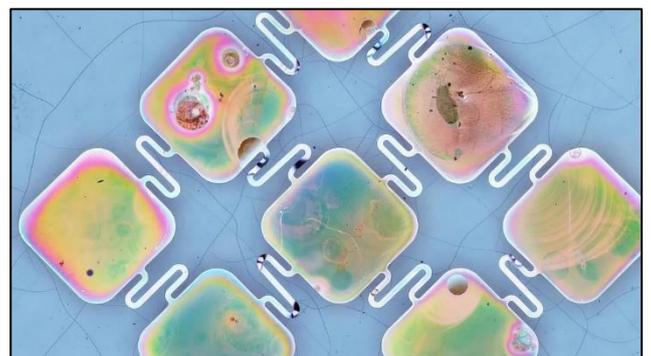
Read more at:

<https://economictimes.indiatimes.com/tech/technology/just-12-firms-utilising-ai-to-outpace-their-rivals-report/articleshow/92200427.cms>

Solar powered medical devices: sponge-like solar cells for better pacemakers.

(June 15, 2022)

University of Chicago scientists invented an entirely new way to make a solar cell: by etching holes in the top layer to make it porous. The new kind of solar cell could spur useful technology. The innovation could form the basis for a less-invasive pacemaker, or similar medical devices. It could be paired with a small light source to reduce the size of the bulky batteries that are currently implanted along with today's pacemakers.



Credit: Tian lab

Read more at:

<https://scitechdaily.com/solar-powered-medical-devices-sponge-like-solar-cells-for-better-pacemakers/>

Microsoft retires Internet Explorer after nearly 27 years.

(June 15, 2022)



Internet Explorer Credit: Jeppe Gustafsson/Shutterstock

Microsoft is ending support for Internet Explorer, retiring its aging web browser after nearly 27 years. The moment comes more than a year after the company said that its Internet Explorer 11 Windows 10 desktop app would be retired in favor of Microsoft Edge. It was once the most popular web browser, reportedly having 95% of the market in 2003. Usage dropped as rivals like Google Chrome rose and Microsoft made the Chromium-powered Edge its default browser.

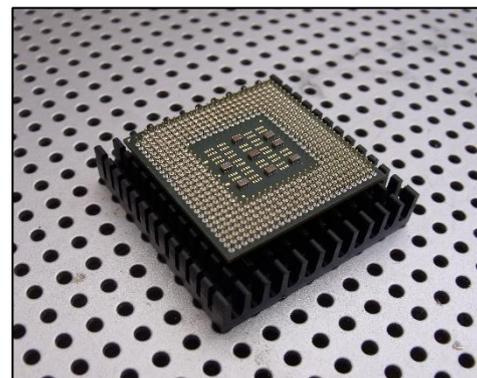
Read more at:

<https://www.cnet.com/tech/services-and-software/microsoft-retires-internet-explorer-after-nearly-27-years/>

India to invest \$30 billion in tech sector, semiconductor supply chain, says report.

(June 16, 2022)

India will spend \$30 billion to restructure its IT industry and build up a semiconductor supply chain to ensure it is not "kept hostage" by foreign providers. According to Gourangalal Das, director-general of the India-Taipei Association, the South Asian country's de-facto embassy in Taipei, the investment initiative is aimed to boost local production of semiconductors, displays, advanced chemicals, networking and telecom equipment, as well as batteries and electronics. The main goal of India's \$30 billion programme is to develop a complete supply chain ecosystem.



Credit: Pxhere

Read more at:

<https://economictimes.indiatimes.com/tech/technology/india-to-invest-30-billion-in-tech-sector-semiconductor-supply-chain-report/articleshow/92243988.cms>

5G closer to launch, Cabinet approves spectrum auction.

(June 16, 2022)



*Representative Image
Credit: Creative Commons*

Taking the first step towards rolling out 5G services, the government has invited bid applications for spectrum auctions starting July 26 (changed from next month) after the Union Cabinet cleared a proposal to auction over 72,000 megahertz (MHz), or 72 GHz, of airwaves with a validity period of 20 years. The auction will be held for spectrum in the frequencies of 600 MHz, 700 MHz, 800 MHz, 900 MHz, 1,800 MHz, 2,100 MHz, 2,300 MHz, 3,300 MHz and 26 GHz bands. At reserve price, the entirety of the spectrum is valued at over Rs 5 lakh crore.

Read more at:

<https://indianexpress.com/article/technology/tech-news-technology/5g-closer-to-launch-cabinet-approves-spectrum-auction-7972450/>

A new breakthrough could make it possible to harvest solar power at night.

(June 16, 2022)

Researchers from the University of New South Wales's School of Photovoltaic and Renewable Energy Engineering have now successfully tested a device that can convert infrared heat into electrical power. The team used a power-generation tool called a "thermo-radiative diode," which is comparable to the technology found in night-vision goggles. The amount of energy produced through this new test is small (roughly equivalent to 0.001% of a solar cell), but the proof of concept is significant.



*Representative Image
Credit: Pxhere*

Read more at:

<https://scitechdaily.com/a-new-breakthrough-could-make-it-possible-to-harvest-solar-power-at-night/>

SPORTS



India qualify for Asian Cup 2023 Finals for 2nd successive time before final qualifier against Hong Kong.

(June 14, 2022)

India qualified for the 2023 Asian Cup Finals even before their final qualifying match in Group D of the third-round stage. India are set to face Hong Kong in their final qualifier in Kolkata. This is the fifth time in the history of the continental competition India have qualified for the Finals. India were at the 2nd spot in Group D, tied on 6 points with table-toppers Hong Kong.



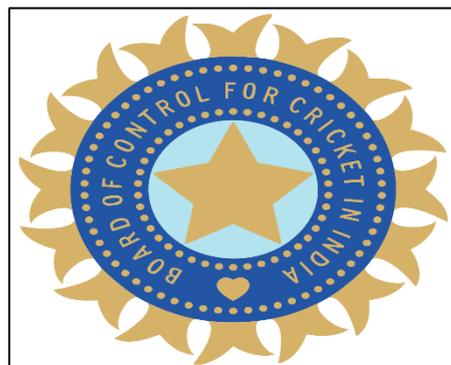
Credit: PTI

Read more at:

<https://www.indiatoday.in/sports/football/story/afc-asian-cup-2023-india-qualifies-hong-kong-qualifier-kolkata-sunil-chhetri-1962226-2022-06-14>

IPL media rights: BCCI hits jackpot.

(June 15, 2022)



Logo of BCCI

Credit: BCCI

The three-day e-auction of media rights for the IPL's 2023-2027 cycle has fetched the BCCI Rs 48,390 crore, with Disney-Star bagging TV rights for the Indian subcontinent and Viacom18/Reliance sweeping the digital segment. The bidding was done on a per-game basis, which means the rights holders will collectively pay the cricket board Rs 118.02 crore per match for the next five-year cycle.

Read more at:

<https://indianexpress.com/article/sports/ipl/ipl-media-rights-bcci-hits-jackpot-disney-star-viacom18-reliance-7970223/>

Paavo Nurmi Games: On return, Neeraj Chopra breaks national record.

(June 15, 2022)

On his much-anticipated return to international competition, in Turku, Chopra let out a similar cry as the javelin pierced through the sunny sky of the Finnish city that's considered the spiritual home of javelin throw. And just like his throw in Tokyo, it was a record. With only his second throw in international competition since the historic night in Tokyo, Neeraj Chopra came up with an effort of 89.30m, thus bettering his own national record by more than a metre.



*Neeraj Chopra
Credit: Getty Images*

Read more at:

<https://indianexpress.com/article/sports/sport-others/on-return-neeraj-chopra-breaks-national-record-7970035/>

Ind vs SA 4th T20I: Dinesh Karthik becomes oldest Indian to score T20I fifty.

(June 17, 2022)



Credit: BCCI/ Twitter

Dinesh Karthik played an explosive inning as he scored his maiden T20I half-century in Rajkot. He faced just 27 balls and amassed 55 runs and helped India win the match by 82 runs. At the age of 37 years and 16 days, Karthik also became the oldest Indian to get a T20I fifty. The Indians were struggling at 81 for four before a 65-run stand between Hardik (46 off 31) and Karthik (55 off 27) brought the home team back into the game.

Read more at:

<https://indianexpress.com/article/sports/cricket/ind-vs-sa-dinesh-karthik-7976104/>

NBA Finals: Golden State Warriors beat Boston Celtics to claim fourth title in eight years.

(June 17, 2022)



Credit: Getty Images

The Golden State Warriors beat the Boston Celtics to claim their fourth NBA title in eight years and first since 2018. The Warriors won 103-90 in game six in Boston to clinch the series 4-2. Stephen Curry, twice the most valuable player in the regular season, was NBA Finals MVP for the first time. Andrew Wiggins scored 18 points and Jordan Poole 15 as Golden State won the NBA championship for the first time in four years.

Read more at:

<https://www.bbc.com/sport/basketball/61836898>

England blast world record 498, Mott era starts in style.

(June 18, 2022)

England have rampaged to a world record 4-498 following Jos Buttler's breathtaking belligerence as the Netherlands were blown away in the first one-day international. Not only was the previous ODI best of 6-481 that England amassed against Australia four years ago eclipsed. But the total even bettered the 4-496 Surrey registered against Gloucestershire which had stood as the List A benchmark since April 2007.

Read more at:

<https://www.cricket.com.au/news/match-report/england-netherlands-first-odi-world-record-buttler-malan-scores-report-mott/2022-06-18>