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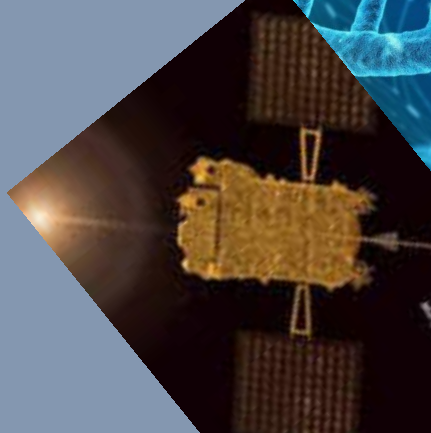

Prepared by

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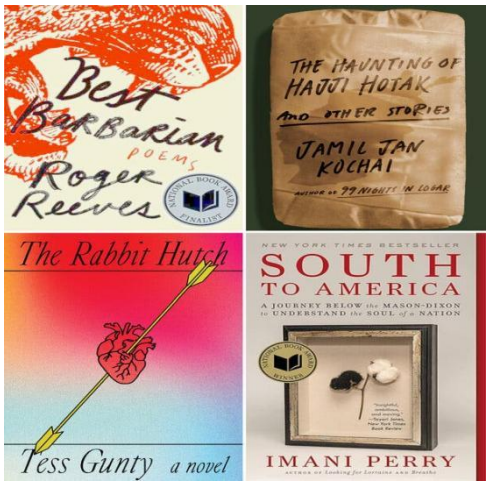
A New Literary Prize Taps a Jury Living Behind Bars

December 4,2023



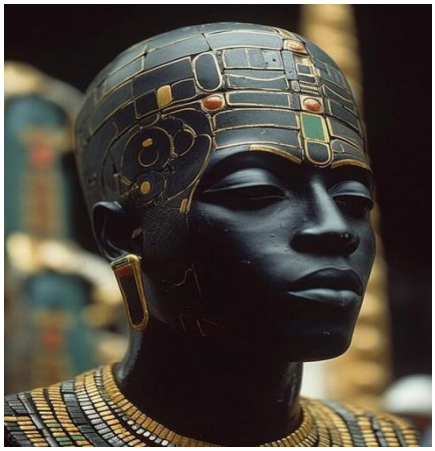
Over the next six months, a jury of inmates in prisons across six states will be able to read and debate books, then vote on the winner of a new award, the Inside Literary Prize.The initiative, announced on Monday, was founded by Freedom Reads, a nonprofit that builds libraries in and supplies book to prisons the Center for Justice Innovation, an organization that provides resources and support to underserved communities; and the National Book Foundation, which hosts the National Book Awards, one of the most prestigious literary awards in the United States.

Read more at:

https://www.nytimes.com/2023/12/04/books/inside-literary-prize.html

More Miami Art Fairs to Explore

December 5,2023



Days before Art Basel Miami Beach opens, satellite fairs during Miami Art Week are vying for collectors' attention on the final stretch of a densely packed art market calendar. Four fairs stand out among the many options that feature a diverse offering of emerging art, gender-bending works, oversize installations, culinary experiences and abundant socializing.

Read more at:

https://www.nytimes.com/2023/12/05/arts/design/miami-art-fairs.html

Conservatives Called Her Artwork ‘Obscene.’ She’s Back for More.

December 6,2023

Very few visual artists have been the subject of a Supreme Court case. Karen Finley, 67, is one of them. A member of the so-called N.E.A. Four, Finley — along with Tim Miller, John Fleck and Holly Hughes — sued the National Endowment for the Arts in 1990 after the organization withdrew their fellowships.

Read more at:

https://www.nytimes.com/2023/12/06/arts/design/karen-finley-art-basel-miami-beach.html

Derek Fordjour’s Cabinet of Wonders

December 7,2023

If you have ever wondered what driving through a country with a changing landscape — deserts, rivers, swamps, mountains, valleys — in a single day feels like, then Derek Fordjour’s exhibition at Petzel gallery is the answer. The show, titled “SCORE,” is an excellent mash of what may be described as multiple mini-exhibitions, with new works demonstrating the breadth of this New York-based artist’s skill and vision across various mediums: sculpture, painting and performance art.

Read more at:

https://www.nytimes.com/2023/12/07/arts/design/derek-fordjour-petzel-gallery.html

How Galleries Off the Beaten Path Are Diversifying L.A.’s Art Scene

December 8,2023

Los Angeles gets a lot of attention for its blue-chip galleries, and in recent years some of New York’s most influential art dealers have opened spaces here, including David Zwirner, Marian Goodman, Lisson and Sean Kelly. But with considerably less fanfare a number of smaller L.A. galleries, often in less obvious neighborhoods — including Residency Art Gallery, Band of Vices, Charlie James Gallery and others — are beginning to play a major role in the city’s art scene.

Read more at:

https://www.nytimes.com/2023/12/08/arts/design/los-angeles-art-galleries.html

This ‘Magic Flute’ at the Met Lacks Some Luster

December 10,2023

The evolution of Julie Taymor’s production of “Die Zauberflöte” from long-running hit to children’s-theater show at the Metropolitan Opera is now complete. Since the premiere of Taymor’s staging in 2004, her diaphanous puppets and George Tsypin’s translucent set pieces have brought a welcome weightlessness to Mozart’s hard-to-stage singspiel, which wraps fairy-tale monsters, young love and a Masonic quest in melodies of direct and abundant charm. This abridged version, in English, followed a few years later as a holiday show for families (though, at nearly two hours without intermission, it doesn’t exactly fly by).

Read more at:

https://www.nytimes.com/2023/12/10/arts/music/review-magic-flute.html

Ailey Looks Back to Black Joy and Longing With 1930s Jazz

December 11,2023

The dancers don’t so much step onto the stage in Amy Hall Garner’s “Century” as burst within it like a glitter bomb, showering the space in pink and gold. For “Century,” her first work for Alvin Ailey American Dance Theater, performed on Friday at New York City Center, it’s clear that Garner doesn’t merely know a party when she sees one — she knows how to dream one up. A metallic curtain hangs in the back as dancers, looking like fuchsia flowers, vibrate from their shoulders to their feet like petals caught in a breeze.

Read more at:

https://www.nytimes.com/2023/12/11/arts/dance/alvin-ailey-new-york-city-center.html

Axar Patel and Ravi Bishnoi set up game before Arshdeep Singh bowls India to victory over Australia

December 4,2023

From being the most expensive bowler on the night, Arshdeep Singh became the last-over action hero to steal a memorable heist for his team at the Chinnaswamy Stadium. Just 10 runs, a rampaging Matthew Wade on strike, and a profligate seamer to defend those runs; India seemed resigned to the fate of an eventual defeat before the left-arm seamer did the unexpected star turn and nailed the Australian captain with the third ball to effectively seal the match, which they edged with a six-run margin to wrap up the series 4-1.

Read more at:

https://indianexpress.com/article/sports/cricket/axar-patel-and-ravi-bishnoi-set-up-game-before-arshdeep-singh-bowls-india-to-victory-over-australia-9053175/

Is Bishnoi now India's No.1 wrist-spinner for T20 World Cup?

December 5,2023

The emergence of Ravi Bishnoi as a prominent spinner not only enriches India's spin resources, but also creates plenty of competition. With India expected to take not more than three spinners for the T20 World Cup in the Caribbean and the United States next June, six spinners will be vying for three spots. With variety being the key element, and India having just six more T20Is to play ahead of the World Cup, the next edition of the IPL will be the one that decides who makes the cut.

Read more at:

https://indianexpress.com/article/sports/cricket/is-bishnoi-now-indias-no-1-wrist-spinner-for-t20-world-cup-9054450/

India's leap to the future in women's cricket begins with T20 rubber against England

December 6,2023

On paper, 2023 has been a big year for women's cricket in India. The inaugural edition of the Women's Premier League (WPL) franchise tournament was held, and professional contracts handed out to several up-and-coming players. The BCCI also announced its first move towards pay parity, bringing match fees paid to women at par with what the men get.

Read more at:

https://indianexpress.com/article/sports/cricket/indias-leap-to-the-future-in-womens-cricket-begins-with-t20-rubber-against-england-australia-9056030/

Handball or not? Now a special football will have the answer at Euro 2024

December 7,2023

In order to help officials be more accurate in handball decisions during Euro 2024, the official ball manufacturers Adidas have installed a microchip inside the ball that helps to determine whether there has been a handball in the lead-up to a goal, a report from The Times, London stated.

Read more at:

https://indianexpress.com/article/sports/football/handball-or-not-now-a-special-football-will-have-answer-at-euro-2024-9057374/

Hockey Men's Junior World Cup: India left playing catch-up in 4-1 loss to composed Spain

December 8,2023

Composure and sticking to a structure are prerequisites for sustained success in hockey, even at age-group levels, and Spain did it much better than India to run away 4-1 winners in a pool encounter at the FIH Hockey Men's Junior World Cup in Kuala Lumpur on Thursday.

Read more at:

https://indianexpress.com/article/sports/hockey/hockey-mens-junior-world-cup-india-left-playing-catch-up-in-4-1-loss-to-spain-9058955/

An Indian fencer lent a competitor her electric jacket at World Championships, now she gets a surprise award

December 8,2023

India's Foil fencer Maria Akshita doesn't quite know who precisely the competitor was on Piste No.2 at the World Championships in Milan, back in July. Maria was readying to have a go on Piste No.3 next, revving herself up to battle her American opponent, the former world junior champion Lauren Scruggs.

Read more at:

https://indianexpress.com/article/sports/sport-others/fencer-maria-akshita-fairplay-award-lends-competitor-electric-jacket-fencing-9058939/

WPL 2024 Auction, squads, purse details and more: From Gujarat Giants' rebuild to DC and MI looking to bolster squad, key talking points

December 9,2023

The three teams that featured in the play-offs of the inaugural edition Women's Premier League – champions Mumbai Indians, finalists Delhi Capitals, and third-placed UP Warriorz – have all opted to trust the core group of players that delivered for them. A measure of that lies in the fact that MI and DC's playing XIs in the final have been fully retained, while UPW have released just one player from their starting group. These three teams can walk into the auction in Mumbai on Saturday safe in the knowledge that they need just minor reinforcements for the next season.

Read more at:

https://indianexpress.com/article/sports/cricket/wpl-2024-auction-squads-purse-details-gujarat-giants-delhi-capitals-mumbai-indians-up-warriorz-royal-challengers-bangalore-9060360/

IBA Ordinary Congress: 'Olympics need boxing', says Kremlev; USA, Switzerland return to fold

December 10,2023

Reintegration of different federations from the United States and Switzerland; termination of the membership of German and Dutch federations; and an unequivocal stance hitting out against the International Olympic Committee (IOC) – these were the key takeaways from the Ordinary Congress of the International Boxing Association (IBA) held in Dubai on Saturday, which took place in the background of one of the most turbulent years in amateur boxing history.

Read more at:

https://indianexpress.com/article/sports/sport-others/iba-ordinary-congress-olympics-need-boxing-says-kremlev-usa-switzerland-return-to-fold-9061638/

South Africa's $68 million opportunity to rebuild team, India's chance to forget World Cup heartbreak

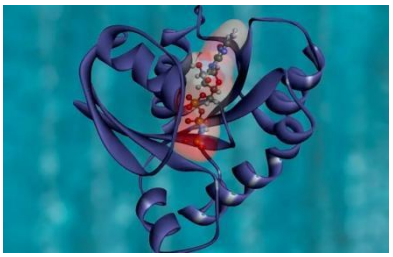
December 10,2023

India and South Africa are at a curiously similar place as they start a month-long tour with a three-game T20 series from Sunday. Both teams will view the ODI World Cup with a bittersweetness. Both teams had issues before the big event but South Africa dazzled against Australia in a home series as did India at the Asia Cup. And they forced the world to gape at them later during the ICC event. Now both teams look at fresher faces in the T20 series to take them forward.

Read more at:

https://indianexpress.com/article/sports/cricket/ind-vs-sa-south-africas-68-million-opportunity-to-rebuild-team-indias-chance-to-forget-world-cup-heartbreak-9061507/

Researchers crack the cellular code on protein folding, offering hope for many new therapeutic avenues **December 4,2023**



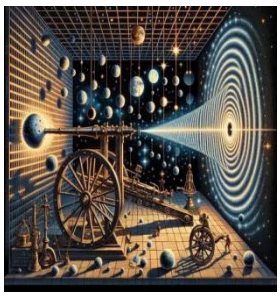
While we often think of diseases as caused by foreign bodies—bacteria or viruses—there are hundreds of diseases affecting humans that result from errors in cellular production of proteins.

Read more at:

https://phys.org/news/2023-12-cellular-code-protein-therapeutic-avenues.html

New theory claims to unite Einstein's gravity with quantum mechanics

December 4,2023

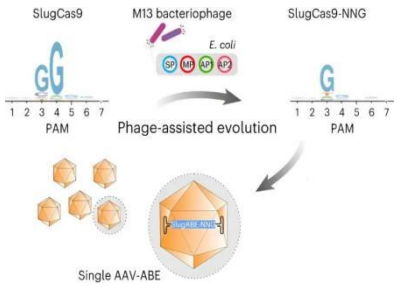


A radical theory that consistently unifies gravity and quantum mechanics while preserving Einstein's classical concept of spacetime has been announced in two papers published simultaneously by UCL (University College London) physicists.

Read more at:

https://phys.org/news/2023-12-theory-einstein-gravity-quantum-mechanics.html

New enzyme allows CRISPR technologies to accurately target almost all human genes **December 5,2023**



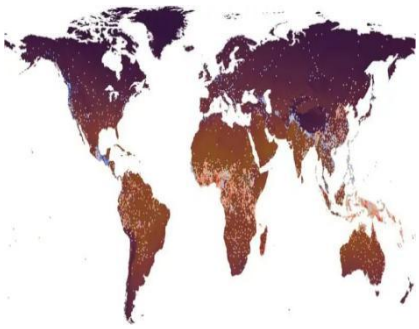
A team of engineers at Duke University have developed a method to broaden the reach of CRISPR technologies. While the original CRISPR system could only target 12.5% of the human genome, the new method expands access to nearly every gene to potentially target and treat a broader range of diseases through genome engineering.

Read more at:

https://phys.org/news/2023-12-enzyme-crispr-technologies-accurately-human.html

Linguistics study claims that languages are louder in the tropics

December 5,2023

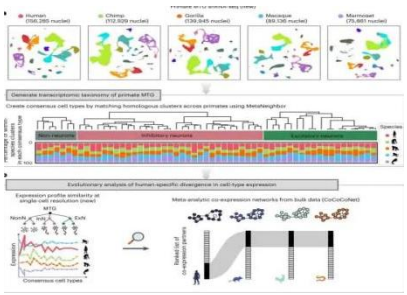


Languages are a key factor in human societies. They connect people, serve as a vehicle to pass on knowledge and ideas, but they also distinguish between different groups of people. Languages can therefore tell us a lot about the societies that use them As languages are constantly changing, it is important to know the factors that play a role in this. Scientists can then reconstruct past processes on the basis of languages.

Read more at:

https://phys.org/news/2023-12-linguistics-languages-louder-tropics.html

Study reveals genes that set humans apart from other primates in cognitive ability **December 6,2023**



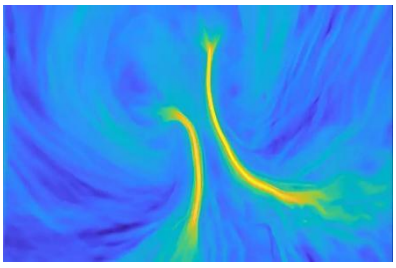
An international team led by researchers at the University of Toronto has uncovered over 100 genes that are common to primate brains but have undergone evolutionary divergence only in humans—and which could be a source of our unique cognitive ability.

Read more at:

https://phys.org/news/2023-12-reveals-genes-humans-primates-cognitive.html

A mathematical model connects the evolution of chickens, fish and frogs

December 6,2023



One of the most enduring, basic questions of life is: How does it happen? For instance, in human development, how do cells self-organize into skin, muscles or bones? How do they form a brain, a finger, a spine?

Read more at:

https://phys.org/news/2023-12-mathematical-evolution-chickens-fish-frogs.html

A new 66 million-year history of carbon dioxide offers little comfort for today

December 7,2023

A massive new review of ancient atmospheric carbon-dioxide levels and corresponding temperatures lays out a daunting picture of where the Earth's climate may be headed. The study covers geologic records spanning the past 66 million years, putting present-day concentrations into context with deep time.

Read more at:

https://phys.org/news/2023-12-million-year-history-carbon-dioxide-comfort.html

Study suggests climate played a crucial role in human migration from Africa

December 8,2023

About 6 million years ago, in the deep forests of eastern Africa, something spectacular happened. Chimpanzees, our closest relative in the animal kingdom, evolved in one direction, while our earliest ancestors continued in another.

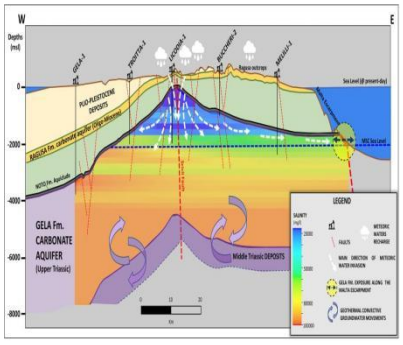
Read more at:

https://phys.org/news/2023-12-climate-played-crucial-role-human.html

Six-million-year-old groundwater pool discovered deep under Sicilian mountains

December 8,2023

A multi-institutional team of geoscientists has discovered a deep, ancient underground pool of fresh water underneath part of the Sicilian mountains. In their study, reported in the journal Communications Earth & Environment, the group used publicly available data gathered from oil discovery efforts to study the groundwater in and around the Gela formation beneath the mountains on the island of Sicily.



Read more at:

https://phys.org/news/2023-12-six-million-year-old-groundwater-pool-deep-sicilian.html

Current carbon dioxide levels last seen 14 million years ago

December 9,2023

The last time carbon dioxide in the atmosphere consistently matched today's human-driven levels was 14 million years ago, according to a large new study Thursday that paints a grim picture of where Earth's climate is headed.

Read more at:

https://phys.org/news/2023-12-current-carbon-dioxide-million-years.html

The longstanding mystery of Mars' moons—and the mission that could solve it

December 9,2023

The two small moons of Mars, Phobos (about 22km in diameter) and Deimos (about 13km in diameter), have been puzzling scientists for decades, with their origin remaining a matter of debate. Some have proposed that they may be made up of residual debris produced from a planet or large asteroid smashing into the surface of Mars (#TeamImpact).

Read more at:

https://phys.org/news/2023-12-longstanding-mystery-mars-moonsand-mission.html

Researchers thought they'd find 200 species of plants and animals living in their house and yard. They were very wrong

December 10,2023

We are biodiversity researchers—an ecologist, a mathematician and a taxonomist—who were locked down together during the COVID pandemic. Being restricted to the house, it didn't take long before we began to wonder how many species of plants and animals we were sharing the space with. So we set to work counting them all.

Read more at:

https://phys.org/news/2023-12-thought-theyd-species-animals-house.html

Nature-Inspired Breakthrough: Simple Technique Improves Capacity of Flexible Sodium-Ion Batteries

December 4,2023

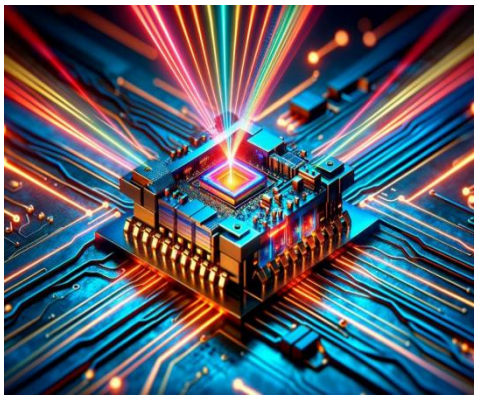
Scientists use electrolyte methylation to improve flexible sodium-ion batteries. Flexible aqueous batteries, commonly used in portable electronics, typically include a hydrogel electrolyte composed of water and salt. A team of researchers from China has made a significant advancement in increasing the salt stability of hydrogels in sodium-ion batteries. They achieved this by methylating the hydrogel's structural polymer, which prevented salting-out, and in turn, enhanced the battery's capacity and cycling performance.

Read more at:

https://scitechdaily.com/nature-inspired-breakthrough-simple-technique-improves-capacity-of-flexible-sodium-ion-batteries/

Laser Leap: Organic Breakthrough Lights Up the Tech World

December 5,2023



Lasers are used across the world for a huge range of applications in communications, medicine, surveying, manufacturing, and measurement. They are used to transmit information across the internet, for medical treatments, and even in the face scanner on phones. Most of these lasers are made from rigid, brittle, semiconductor crystals such as gallium arsenide.

Read more at:

https://scitechdaily.com/laser-leap-organic-breakthrough-lights-up-the-tech-world/

AI Revolution in Neuroscience: Precise Tracking of Neurons in Moving Animals

December 7,2023

EPFL and Harvard scientists develop an AI-based method for tracking neurons in moving animals, enhancing brain research efficiency with minimal manual annotation. Recent advances allow imaging of neurons inside freely moving animals. However, to decode circuit activity, these imaged neurons must be computationally identified and tracked. This becomes particularly challenging when the brain itself moves and deforms inside an organism's flexible body, e.g. in a worm. Until now, the scientific community has lacked the tools to address the problem.

Read more at:

https://scitechdaily.com/ai-revolution-in-neuroscience-precise-tracking-of-neurons-in-moving-animals/

Acer's new AI-powered ebii eBike can also fast-charge your phone and laptop

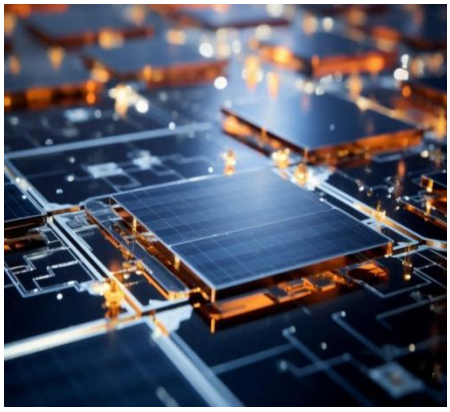
December 8,2023

Acer is reimagining eBikes with the announcement of the ebii, set to be on sale in select markets from Q1 2024. Announced during the sustainability summit in Dubai, the eBike can not only take you places but also charge your phone, laptop, and most electronic gadgets, thanks to its removable battery. While Acer has no plans to bring ebii to India, the company recently launched other eBike models in the country.

Read more at:

https://indianexpress.com/article/technology/tech-news-technology/acers-ai-powered-ebii-ebike-launch-price-features-9057814/

Researchers Use Molecular Engineering To Improve Organic Solar Cell Efficiency **December 9,2023**



Polymer solar cells, known for their light weight and flexibility, are ideal for wearable devices. Yet, their broader use is hindered by the toxic halogenated solvents required in their production These solvents pose environmental and health risks, limiting the appeal of these solar cells. Alternative solvents, which are less toxic, unfortunately, lack the same solubility, necessitating higher temperatures and prolonged processing times.

Read more at:

https://scitechdaily.com/researchers-use-molecular-engineering-to-improve-organic-solar-cell-efficiency/

Cornell Scientists Have Discovered a Hidden Quantum State

December 10,2023

At the microscopic level, window glass exhibits a curious blend of properties. Its atoms are disordered like a liquid, yet they possess the rigidity of a solid; when a force is applied to one atom, it affects all others.It's an analogy physicists use to describe a quantum state called a "quantum spin-glass," in which quantum mechanical bits (qubits) in a quantum computer demonstrate both disorder (taking on seemingly random values) and rigidity (when one qubit flips, so do all the others). A team of Cornell researchers unexpectedly discovered the presence of this quantum state while conducting a research project designed to learn more about quantum algorithms and, relatedly, new strategies for error correction in quantum computin

Read more at:

https://scitechdaily.com/cornell-scientists-have-discovered-a-hidden-quantum-state/