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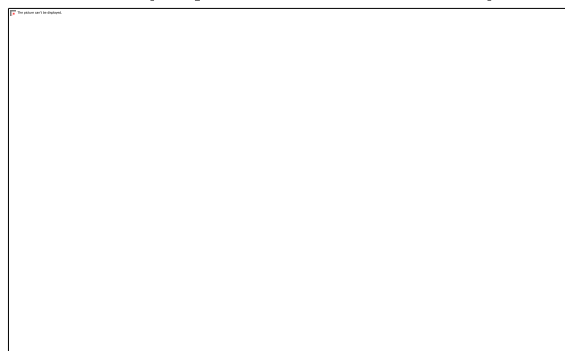


SCIENCE

Dual Pathways of Pain: How Drinking Alcohol Fuels Chronic Pain

(April 23, 2023)

Scripps Research scientists have discovered two distinct molecular mechanisms by which chronic alcohol consumption increases sensitivity to pain. The findings, published in the British Journal of Pharmacology, suggest potential drug targets for treating alcohol-associated chronic pain and hypersensitivity. A Scripps Research team showed how both alcohol intake and alcohol withdrawal can lead to increased pain and hypersensitivity.



Credit: SCRIPPS RESEARCH INSTITUTE

Read more at: <https://scitechdaily.com/dual-pathways-of-pain-how-drinking-alcohol-fuels-chronic-pain/>

Cerium's Photocatalytic Superpower: Unlocking Titanium Dioxide's Visible Light Absorption

(April 26, 2023)

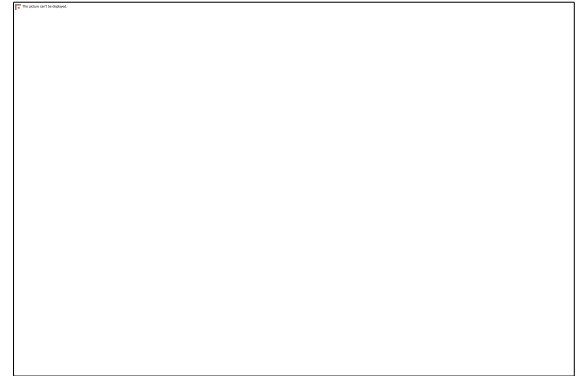
A research group from the Chinese Academy of Sciences has significantly improved visible light absorption in Ce/TiO₂ by doping cerium in the TiO₂ lattice, resulting in a high photocurrent density and better separation efficiency of photogenerated electrons and holes. This study presents a practical strategy for developing efficient visible light-activated rare earth-doped photocatalysts.

Read more at: <https://scitechdaily.com/ceriums-photocatalytic-superpower-unlocking-titanium-dioxides-visible-light-absorption/>

Sea Urchin Killer Identified: Scientists Unmask the Microscopic Menace Behind Massive Die-Off Event

(April 23, 2023)

A scuticociliate, a single-celled organism, has been identified as the cause of the 2022 mass die-off of long-spined sea urchins in the Caribbean and Florida's east coast. These urchins are crucial for coral reef health, and the discovery raises questions about the ciliate's presence, growth conditions, and potential impact on other species. The mass die-off of the long-spined sea urchin – a loss that threatens the health of coral reefs from the Caribbean to Florida's east coast – was caused by a one-celled organism called a ciliate.



Credit: Mya Breitbart

Read more at: <https://scitechdaily.com/sea-urchin-killer-identified-scientists-unmask-the-microscopic-menace-behind-massive-die-off-event/>

UCLA Research Reveals “Dormant” Cones in Retinal Degeneration May Preserve Visual Function

(April 23, 2023)

In a recent UCLA study, researchers discovered that “dormant” cone cells in degenerating retinas still function, providing hope for preserving near-normal daytime vision in patients with irreversible retinal blindness. **“Dormant” cone photoreceptors continue to drive retinal activity for vision.** New University of California, Los Angeles (UCLA) research in mice suggests that “dormant” cone photoreceptors in the degenerating retina are not dormant at all.



Credit: UNIVERSITY OF CALIFORNIA

Read more at: <https://scitechdaily.com/ucla-research-reveals-dormant-cones-in-retinal-degeneration-may-preserve-visual-function/>



ARTS

Woolly delinquents' celebrate Charles' coronation in yarn

(April 30, 2023)

Heather Howarth tugged at **King Charles III's** ears and tittered with satisfaction. The other ladies who gather to knit and natter in her small English village thought the ears should be bigger. But when creating a crocheted likeness of the new king, she was determined not to cause offense. "He might not like this one," she said reaching out to give the king a fond pat. "But he'll love his Grenadier Guards!" Howarth and her friends in the village of Hurst.



Credit :AP Photo/David Cliff

Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/woolly-delinquents-celebrate-charles-coronation-yarn-8584150/>

My father had his own path, I have my own': Mukul Shivputra

(April 30, 2023)

Earlier this month, at the Capital's **Kamani Auditorium**, **Pandit Mukul Shivputra** — the mercurial, distant and yet one of the most revered names in the world of Hindustani classical music — sat next to a garlanded photograph of his father, **Kumar Gandharva**, and sang the famed Begum Akhtar thumri, Kaahe re, nanadiya maare bol — a woman's lament about her sister-in-law taking jibes at her — in the poignant raag Gara.

Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/mukul-shivputra-kumar-gandharva-classical-hindustani-music-8582344/>

International Dance Day 2023: Here are 5 lesser-known folk dance forms of India

(April 29, 2023)

International Dance Day is celebrated every year on April 29 to raise awareness of different dance forms and encourage people to participate in dancing activities. The Dance Committee of the International Dance Institute (ITI) organises celebrations across the globe. Explaining the importance of the day, Geeta Chandran, Bharatnatyam Dancer and Padma Shri awardee said, "According to UNESCO, **International Dance Day** is a global celebration of dance, created by ITI, the main performing arts partner for UNESCO.

Read more at:

<https://indianexpress.com/article/lifestyle/art-and-culture/international-dance-day-2023-lesser-known-folk-dance-forms-of-india-8580713/>



credit:freepik

Manisha Parekh lets the medium guide her in Chromatic Flight

(April 25, 2023)

Artist **Manisha Parekh**'s solo exhibition — Chromatic Flight — a multimedia compilation of metal installations, ink, charcoal and watercolour paintings — recently concluded at the start of the month at Nature Morte, in Delhi. The exhibition, her first one in Delhi in the last seven years, captures the artist's innermost stirrings, which self-admittedly are optimistic and greatly affected by the somatic process and the response to the materials used in creating the artwork.

Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/manisha-parekh-chromatic-flight-8574222/>

SL envoy gifts to India two paintings depicting arrival of Ashoka's son, daughter in Lanka

(April 23, 2023)

Sri Lankan envoy Milinda Moragoda gifted to India two [paintings](#) depicting the arrival of Emperor **Ashoka**'s son and daughter in the country, officials here said on Saturday. The paintings, replicas of the original paintings at a temple located close to the Sri Lankan capital Colombo, will be housed at the National Gallery of Modern Art (NGMA), they said.

Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/sri-lanka-envoy-gifts-india-two-paintings-depicting-arrival-of-ashoka-son-daughter-8571315/>



WhatsApp Now Lets You Sign in to One Account From Four Additional Phones

(April 25, 2023)

WhatsApp will now let users sign in to their accounts from a secondary phone, just like you can use the same account on a PC or tablet. The new feature has just been announced and will roll out to users around the world over the coming weeks. WhatsApp users have been requesting the ability to use the same account from multiple devices for several years, and while it has been possible to use the popular messaging app through a Web browser or apps.

Read more at:

<https://www.gadgets360.com/apps/news/whatsapp-four-phones-sign-in-multiple-devices-meta-mark-zuckerberg-3978797>



credit: economic times

Google Authenticator Finally Adds Support for Syncing OTPs With Google Accounts

(April 27, 2023)

Google Authenticator, the company's two-factor authentication (2FA) app, has been updated for iOS and Android smartphones. The latest update allows users back up their one-time passwords (OTP) to their Google account. These OTPs can easily be synced to another device while switching to a different device. The latest [Google Authenticator](#) update on Android allows users to access their two-factor authentication (2FA) codes on other devices logged in with the same Google account.

Read more at: <https://www.gadgets360.com/apps/news/google-authenticator-update-android-ios-otp-backup-account-2fa-feature-3978671>

Star Wars Jedi: Survivor Global Launch Timings Revealed

(April 24, 2023)

Star Wars Jedi: Survivor is prepping to release this week and ahead of that, we've received global release times for the same. In a tweet, publisher EA confirmed that the game will launch at the same time worldwide, thus negating the need to change location to New Zealand to play early — as seen during Elden Ring's launch day. The Cal Kestis-led galaxy-spawning adventure will unlock on April 28 at 9:30 am IST in India/ 9 pm PT in the US/ 5am BST in the UK. EA's detailed infographic reveals several locations, with the timings being direct conversions.



Credit: Respawn Entertainment

Read more at:

<https://www.gadgets360.com/games/news/star-wars-jedi-survivor-global-release-date-time-preload-system-requirements-download-size-ea-respawn-entertainment-3977806>

Mobile 3D Printer to Produce Thumbnail-Sized mRNA Covid Vaccine Patches Developed by Scientists: Details

(April 26, 2023)

Scientists said Monday they have developed the first mobile printer that can produce thumbnail-sized patches able to deliver mRNA Covid vaccines, hoping the tabletop device will help immunise people in remote regions. While many hurdles remain and the 3D printer is likely years away from becoming available, experts hailed the "exciting" finding. The device prints two-centimetre-wide patches which each contain hundreds of tiny needles that administer a vaccine when pressed against the skin.

Read more at: <https://www.gadgets360.com/science/news/covid-mrna-vaccine-patches-mobile-3d-printer-immunisation-remote-regions-3977663>

Coinbase Sues SEC for Response on Months-Old Petition Seeking Clarity on Regulation of Crypto Sector

(April 27, 2023)

Coinbase, one of the world's largest crypto exchanges, has sued the US Securities and Exchange Commission (SEC) to clarify rules surrounding the growth of crypto businesses in the US. The crypto exchange has asked a US court to compel the SEC to provide detailed information to allow crypto companies to plan and develop their operations.

Read more at: <https://www.gadgets360.com/cryptocurrency/news/coinbase-sec-response-2022-petition-clarity-crypto-regulation-laws-rules-3977580>



SPORTS

Shotgun World Cup: Gurjoat Singh Khangura and Ganemat Sekhon make semifinal exit

(April 25, 2023)

Ganemat Sekhon shot the third-best score of 117 in women's skeet, but was not at her best in the semifinals, in the shotgun World Cup in Cairo, Egypt, on Saturday. It was a commendable performance by Ganemat as she shot a series of 24, 23, 22, 23 and 25, spread over three days. Qualification topper Jiang Yiting of China won the gold, as she beat Simona Scocchetti of Italy 35-33 with a golden hit.



Credit: KAMESH SRINIVASAN

Read more at: <https://sportstar.thehindu.com/other-sports/indian-sports-news-april-29-updates-results-highlights-scores/article66793960.ece>

GOLF - Gangjee lies T-37 in Japan

(April 30, 2023)

Rahil Gangjee had an impressive 2-under 68 as he remained tied 37th after third round at the The Crowns Golf championship on the Japan Golf Tour. Gangjee was tied 48th at the halfway mark. His other rounds have been 69-71 and is now 2-under for 54 holes. Gangjee starting from 10th hole had eight pars before her first birdie on 18th and then added two birdies on first and second. He dropped a shot on third and a birdie on seventh followed by a bogey on eighth.

Read more at: <https://sportstar.thehindu.com/other-sports/april-30-indian-sports-news-wrap-of-the-day/article38482770.ece>

Asia-Oceania World Juniors

(April 28, 2023)

Korea was strong and sharp as it beat Japan 2-1 in the final of the Asia-Oceania World Junior Tennis under-14 boys tournament at the DLTA Complex on Saturday. Ren Matsumura did give a flying start for Japan by winning the first rubber 6-2, 6-1 against Do Gyeom, but Cho Se Hyuk, the strongest player on view, won both his singles and doubles matches to clinch the honour for Korea.



Read more at: <https://sportstar.thehindu.com/other-sports/april-30-indian-sports-news-wrap-of-the-day/article38482770.ece>

sachin Tendulkar, Brian Lara named gates unveiled at iconic SCG

(April 24, 2023)

Master blaster Sachin Tendulkar has turned 50 this year on 24 April and to honour him the iconic Sydney Cricket Ground in Australia has unveiled a set of gates named after him. Along with him, the SCG also added the name of another cricketing legend Brian Lara, who will be sharing the honour with Sachin Tendulkar.



Read more at: <https://currentaffairs.adda247.com/24th-april-current-affairs-top-news-of-the-day/>

INDIAN PREMIER LEAGUE 2023: Lucknow Super Giants vs Gujarat Titans,

(April 27, 2023)

Gujarat Titans beat Lucknow Super Giants by 7 runs in a thriller. KL Rahul batted in an inexplicable manner as his painstaking 68 off 61 balls resulted to a seven-run defeat for Lucknow Super Giants against an inspired Gujarat Titans in an IPL match. Chasing a target of 136, LSG were cruising along at one stage before Rahul started to struggle. Mohit Sharma defended 12 runs as LSG lost four wickets in the final over, including two run-outs. They finally managed 128 for 7.

Read more at: <https://saachibaat.com/sports/sports-trending-news-23-april-2023/>