



Department of Library and Information Science

ARTS



SPORTS



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SCIENCE



TECHNOLOGY



CONTENTS



ARTS



SCIENCE



SPORTS



TECHNOLOGY

ARTS

Durga Puja art preview brings international spotlight to Kolkata's biggest festival

Wednesday, October 02, 2024

A preview of the upcoming Durga Puja started with 'massArt' on September 30 as locals and foreign tourists can start visiting 26 selected pandals in the city before the actual festival begins. The move is aimed at promoting Durga Puja in Kolkata as a global event, particularly after the United Nations Educational, Scientific and Cultural Organization (UNESCO) intangible heritage tag was accorded to the celebration a few years ago.



<https://www.thehindu.com/news/cities/kolkata/durga-puja-art-preview-brings-international-spotlight-to-kolkatas-biggest-festival/article68705909.ece>

Real art in museums stimulates brain much more than reprints, study finds

Thursday, October 03, 2024

It was a truth known to Marvin Gaye and Tammi Terrell back in 1968, but now scientists have caught up with them: there really ain't nothing like the real thing.

A neurological study in the Netherlands has revealed that real works of art in a museum stimulate the brain in a way that is 10 times stronger than looking at a poster.



<https://www.theguardian.com/science/2024/oct/03/real-art-in-museums-stimulates-brain-much-more-than-reprints-study-finds>

SPORTS



India remains on top of medal tally at ISSF Junior World Championship

Friday, October 04 ,2024

Raajwardan Paatil and Mukesh Nelavalli missed the individual medals in 25-metre rapid fire pistol, but won the team gold along with Harsimar Singh Rattha, in the World junior shooting championship in Lima, Peru.

Raajwardan and Mukesh did make the individual final, but finished fourth and fifth, even as the qualification topper Thomas Chinours (584) of France placed sixth.



<https://sportstar.thehindu.com/other-sports/india-sports-results-scores-highlights-october-4-news-updates/article68716927.ece>

Vizag Open: Angad continues to lead in third round

Friday, October 04 ,2024

Angad Cheema of Chandigarh continued to dominate in the third round as the top contender for the title Vizag Open golf championship at the East Point Golf Club (EPGC) on Friday.

Angad (69-61-70), the overnight leader by four shots, had a rock-solid penultimate round barring a setback on the final hole as he posted a one-under 70 on Friday to head into round four with a three-shot advantage at a total of 13-under 200.



<https://sportstar.thehindu.com/other-sports/india-sports-results-scores-highlights-october-4-news-updates/article68716927.ece>

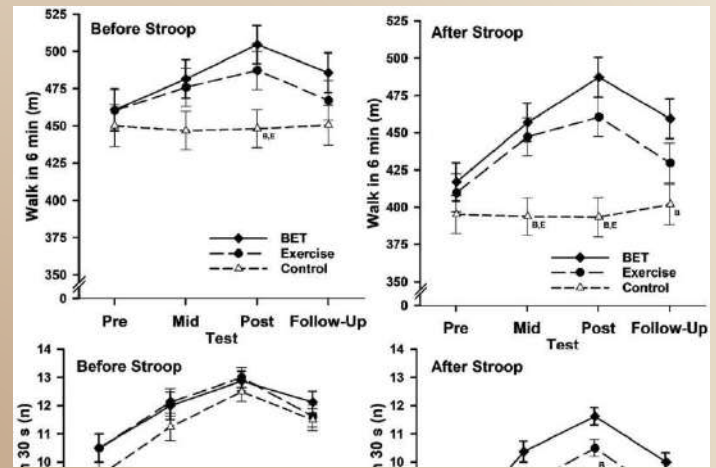
SCIENCE

Study finds 'brain endurance training' boosts cognitive and physical abilities in older adults

Saturday, October 05, 2024

Brain endurance training (BET), a combined cognitive and exercise training method developed for athletes, boosts cognitive and physical abilities in older adults.

According to a new study by researchers at the Universities of Birmingham, UK, and Extremadura, Spain, brain endurance training (BET) can improve attention and executive function (cognition), as well as physical endurance and resistance exercise performance.



<https://medicalxpress.com/news/2024-10-brain-boosts-cognitive-physical-abilities.html>

Targeting 'undruggable' diseases: Researchers reveal new levels of detail in targeted protein degradation

Saturday, October 05, 2024

Researchers at the University of Dundee have revealed in the greatest detail yet the workings of molecules called protein degraders which can be deployed to combat what have previously been regarded as "undruggable" diseases, including cancers and neurodegenerative diseases.

Protein degrader molecules are heralding a revolution in drug discovery, with more than 50 drugs of this type currently being tested in clinical trials for patients with diseases for which no other options exist.



<https://phys.org/news/2024-10-undruggable-diseases-reveal-protein-degradation.html>

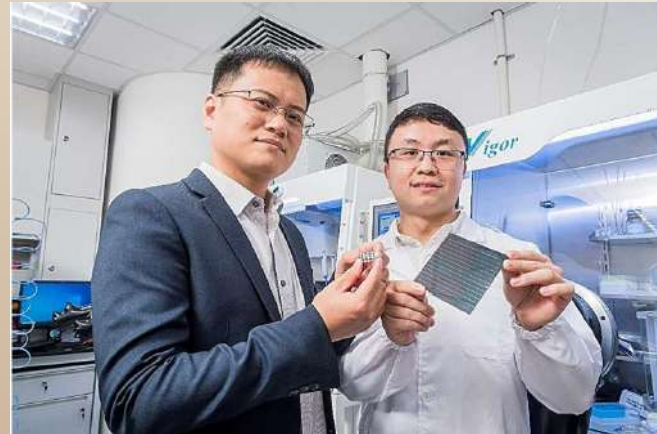
TECHNOLOGY

Streamlining solar cell structure and fabrication for more affordable energy

Sunday, October 06, 2024

A new fabrication technique for substantially enhancing the prospects of commercializing perovskite solar cells through improved stability, reliability, efficiency and affordability is underway at City University of Hong Kong (CityUHK).

Published in *Science*, the research is significant because the simple device structure that the CityUHK team has built can facilitate future industrial production and enhance confidence in the commercialization of perovskite solar cells.



<https://techxplore.com/news/2024-10-solar-cell-fabrication-energy.html>

By mimicking ironing, researchers perfect 3D printing control over color, texture, and shade

Sunday, October 06, 2024

Multimaterial 3D printing enables makers to fabricate customized devices with multiple colors and varied textures. But the process can be time-consuming and wasteful because existing 3D printers must switch between multiple nozzles, often discarding one material before they can start depositing another.

Researchers from MIT and Delft University of Technology have now introduced a more efficient, less wasteful, and higher-precision technique that leverages heat-responsive materials to print objects that have multiple colors, shades, and textures in one step.



<https://techxplore.com/news/2024-10-mimicking-ironing-3d-texture.html>