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South Korea's Ulsan National Institute of Science and Technology (UNIST) has succeeded in investigating and controlling the physical properties of naturally-formed nanoscale wrinkles in 2D ...

~~New study presents tip-induced nano-engineering of strain, bandgap, and exciton funneling in 2D semiconductors~~

and the LASPE at EPFL's Institute of Physics of the School of Basic Sciences. The scientists used a compact 100 μ m-long device, to measure an ultrafast nonlinear spectral broadening of UV pulses ...

~~Achieving UV nonlinearity with a wide bandgap semiconductor waveguide~~

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German nanotechnology specialist attocube says its attoDRY800 cryostat enables quantum scientists to "reclaim the optical table" and focus on their research not the experimental set-up ...

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The fundamentals of statistics and their application in the design of experiments,

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semiconductor device physics and operation, and integrated circuit technology are covered in the second year. The ...

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Scan-based diagnostic methods are used to identify and locate semiconductor defects on devices that fail the manufacturing test ... level diagnostics capabilities of the Modus DfT Software Solution to ...

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In their paper published in the journal Science Advances, the group describes their semiconductor-based thin film device and possible ... thin film was done from a solution, making it a very ...

~~Detecting 5-MeV protons using a flexible organic thin-film device~~

At such scales, the ordinary rules of physics ... other devices and power sources, was a challenge holding back progress toward such solutions, Su says. The interface between metals and ...

~~Moore's Law could get a nanotech boost~~

The future of medical device manufacturers relies on the dependability of their ... Laser marking systems feature different lasers, image placement schemes, and parts-handling solutions to address ...

~~Laser Marking Medical Devices and Packaging~~

10 stocks we like better than Taiwan Semiconductor Manufacturing When ... and what they're doing is really bending the laws of physics. It's almost impossible to replicate. Hall: Well, I don ...

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In June of last year, Fitch Solutions Country Risk & Industry Research predicted ... later than usual for the release of Apple smartphones. While production of semiconductor devices is slowly ...

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Quantum computing involves big computers using quantum/atomic level physics ... the semiconductor industry. Under its Products division, UCT offers its customers an integrated outsourced solution ...

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