New nanomaterials

Explore the 2026 forecast for nanomaterials, featuring breakthroughs in smart materials, programmable matter, and molecular ...

UC Riverside researchers have unveiled a powerful new imaging technique that exposes how cutting-edge materials used in solar panels and light sensors convert light into ...

Nov. 13, 2025 Scientists have developed a new way to build rare-earth crystals that boosts quantum coherence to tens of milliseconds. This leap ...

LMU researcher Professor Alexander Urban and his team have developed a tool that could revolutionize the design of new materials.

Each of the following new nanotechnology innovations has been published on Inpart"s matchmaking platform by a university or research institute ...

As concerns rise about the effects of tiny plastic particles on human health, Flinders University researchers have led new research on whether nanoplastics can accumulate or cause ...

Nanomaterials expert Younan Xia joins Johns Hopkins University The translation into practical applications is a key part of Xia"s work, which bridges the gap between laboratory research ...

The results could help scientists design new plasma-based techniques for creating nanoparticles with tailored properties for electronics, coatings, and quantum devices.

The latest science news on nanomaterials, nanotechnology, nanoparticles and nanoscience.

Beyond its flat honeycomb lattice, a universe of advanced nanomaterials awaited discovery--materials that could reshape technology, ...

New nanomaterials

According to the international team, including a researcher at Penn State, that made the accomplishment, the new nanomaterial that could open the door to faster electronics, efficient ...

Nanomaterials are materials engineered at the nanoscale, where unique properties and functions emerge that are not observable in the same material"s bulk form. These materials typically ...

Researchers have now started exploring various innovative methods, such as engineered nanomaterials (ENMs) that can enable targeted drug delivery to cancer cells.

Nanomaterials continue to drive scientific and industrial progress across fields such as energy storage, electronics, water purification, and ...

The latest in nanotechnology, nanoscale materials, nanocomposites, and more.

With wafer-scale nanomanufacturing, we have the potential to make nanomaterials and microdevices the same way we make computer chips, which are highly complex but can be made in ...

Web: https://smartflooringsolutions.co.za