This Week In

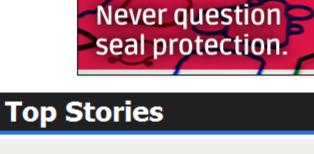
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Learn how

NASA Moves Closer to Ultrastable Telescope Researchers at NASA's Goddard Space Flight Center have shown that

they can dynamically detect subatomic distortions across a 5-ft segmented telescope mirror in their mission of building an ultrastable

telescope that locates and images dozens of Earth-like planets beyond the solar system and then scrutinizes their atmospheres for signs of life.



Perovskite

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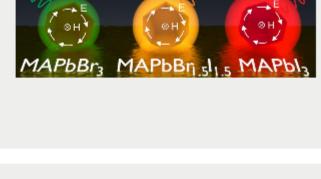




A research team has used hybrid perovskites to create light-emitting nanoantennas with enhanced photoluminescence. The nanoantenna

and light source are combined in a single nanoparticle. The new nanoantenna can generate, enhance and direct emission wavelengths.

3 (1) (1) (2) LED-Based Headlight Meets Safety Requirements, Saves



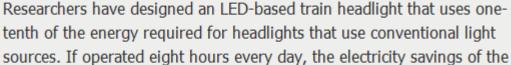
new design could reduce emissions of the greenhouse gas carbon

Energy



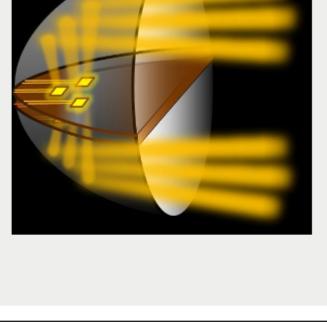
dioxide by about 152 kg per year.





Featured Products

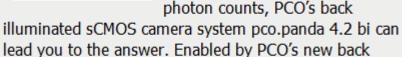
Illuminated!





bi back





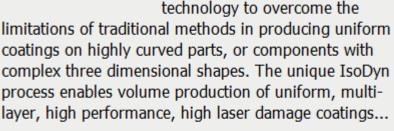
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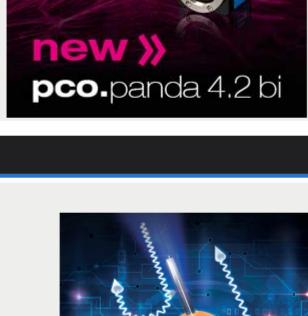
Deposition Sciences Inc. (DSI) DSI developed IsoDyn™ coating

pco. up to quantum efficiency

Shapes

IMAGE SENSORS EUROPE





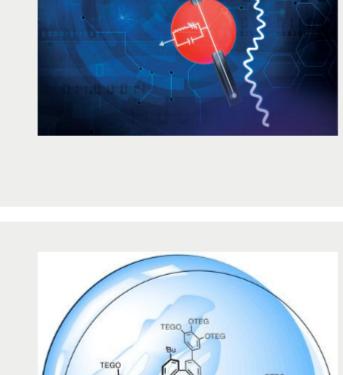
other form of external bias for reliable wave transmission, yet it

provides highly efficient broad bandwidth isolation.

Nanocarbon Shows Promise for Fluorescent Bioimaging

nanographene molecule that is biocompatible. The molecule was also found to induce cell death when exposed to light. The new molecule

Researchers have developed a flexible, water-soluble warped



could expand the biological applications for nanocarbons, including cancer cell imaging and treatment.





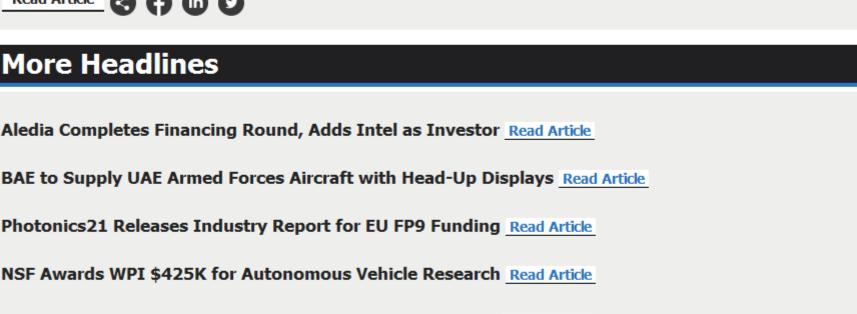


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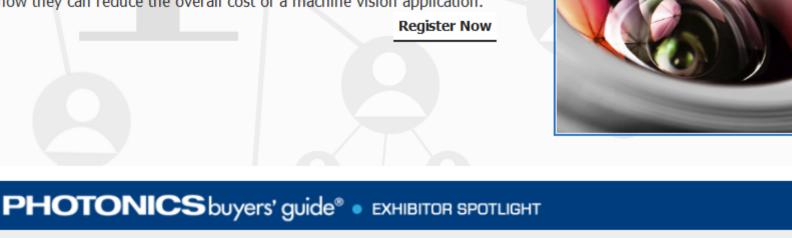
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of a monochromator with the uniform circular aperture characteristics of bandpass filters and filter wheels. They

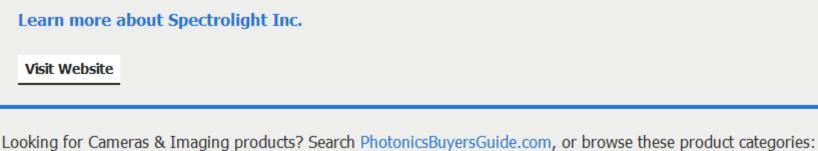
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