

11 ????&#0183; The robust mechanical property and driving ability of these actuators enable the conversion of light energy into obvious motion even under heavy loads and the leaping ...

However, the pristine molecular photoswitches are limited by low storage energy density and UV light photon energy storage. Recently, numerous pioneering works have been ...

Our top pick for the best UV water purifier is the BLACKCOMB 5.1 by Springwell and LUMINOR. This system claims the top spot due to its innovative design and variety of perks including a state-of-the-art controller, ...

However, most reports rely on the ultraviolet (UV) light storage at room temperature, which significantly restricts the application of MOST fuels. Here, we present a novel fluorochloroazobenzene-containing dendrimer that ...

UV-A a band of UV radiation with wavelengths between 315 nm and 380 nm . UV-B a band of UV radiation with wavelengths between 280 nm and 315 nm . UV-C a band of UV radiation with ...

In addition, self-luminous wood can absorb ultraviolet and visible light from lighting source and natural light, and emit green light in the dark for 11 h, which can be used ...

The important criteria are: the absorbance of sunlight (UV and visible light), separated absorption bands of the isomers and pronounced bistability, a high storage enthalpy upon isomerization, ...

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