

Efficient solar thermal energy storage and release via molecular solar thermal (MOST) fuels is essential to meet the ever-increasing global energy demands. However, most reported MOSTs still face some ...

Molecular solar thermal (MOST) fuels have attracted enormous research enthusiasm in solar energy conversion and storage, which can generate high-energy isomers upon harvesting photon energy ...

A flexible solar thermal fuel (STF) device is fabricated with fabric and one photoliquefiable azobenzene (PLAZ) derivative. The fabric template helps increase the energy ...

Haifeng Yu's 63 research works with 2,425 citations and 4,965 reads, including: Preparation and Characterization of Fluorine-Containing Polyimide Films with Enhanced Output Performance for ...

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