

made in the field of photothermal-coupled photocatalysis devices. This is ...

This chapter explores the diverse use of photothermal materials (PTMs) in solar-driven water treatment. PTMs are categorized into classes, including metal nanoparticles, metal oxides, ...

Water shortage is one of the most concerning global challenges in the 21st century. Solar-inspired vaporization employing photothermal nanomaterials is considered to be a feasible and green ...



Photothermal solar container photothermal materials

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