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a, Temperature adaptability of the metal-organic framework (MOF)-ammonia working pair for thermal energy conversion and storage in extreme climates the desorption ...

Metal-organic framework (MOF) materials are a new kind of porous crystalline materials assembled by metal ions and organic ligands. Due to their high specific surface ...

Chen et al. review the recent advances in thermal energy storage by MOF-based composite phase change materials (PCMs), including pristine MOFs and MOF composites and their derivatives. They offer in-depth ...

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This clear mechanism provided feasible guideline for the synthesis of high-performance 2D MOF-based cathode materials, manifesting the importance and necessity of comprehensive energy storage mechanism for ...

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