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thermal energy storage materials in 2009,[19] a series of MOFs have received increasing attention in this field, especially with water as the sorbate.[20-22] Up till now, many studies have

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DOI: 10.1080/15325008.2017.1292567 Corpus ID: 114327433; Grey Wolf Optimizer for Optimal Sizing and Siting of Energy Storage System in Electric Distribution Network @article{Fathy2017GreyWO, title={Grey Wolf Optimizer for Optimal Sizing and Siting of Energy Storage System in Electric Distribution Network}, author={Ahmed Fathy and Almoataz Youssef ...

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The iron oxide based symmetric supercapacitor energy storage device assembly is schematically shown together with fabricated supercapacitors in coin cell geometry. The cyclic voltammetry measurements show no significant change even after large cycling, suggesting the cyclic stability. Further, a 3 V light emitting diode (LED) is lightened with ...

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High power and energy density electrochemical energy storage devices are more important to reduce the dependency of fossil fuels and also required for the intermittent storage of renewable energy. Among various energy storage devices, carbon serves as a predominant choice of electrode material owing to abundance, electrical conductivity, and ...

@article{Liu2018TailoringOB, title={Tailoring of bifunctional microencapsulated phase change materials

with CdS/SiO₂ double-layered shell for solar photocatalysis and solar thermal energy storage}, author={Huan Liu and Xiaodong Wang and Dezhen Wu}, journal={Applied Thermal Engineering}, year={2018}, volume={134}, pages={603-614}, ...

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