



# Gu zhaolin energy storage

Solar energy is a clean and renewable energy for building heating, it is an environmentally friendly technology which can effectively reduce building energy consumption. However, so-lar energy ...

Traditional thermal energy storage mode cannot achieve long-term storage due to the heat loss even under the excellent thermal insulation measures. In this work, a solar-powered ...

Preparation and characterization of phase change materials for air energy storage ZHANG Runxia, GU Zhaolin, ...

Membrane distillation technology is a new type of efficient separation technology that combines traditional distillation technology and membrane separation technology. In the study, ...

Wei, Tong & Shen, Cong & Jiang, Haonan & Xu, Zijun & Gu, Zhaolin & Luo, Xilian, 2025. "Experimental study on cooling performance of underground pipe gallery ventilation enhanced ...

In the system, heat energy is transformed into chemical potential of aqueous lithium bromide solution and the latent energy of refrigerant water. According to the principle of membrane distillation...

GU Zhaolin is a Professor in Environmental Science and Technology, and the Executive Dean in School of Human Settlements and Civil Engineering, Xi'an Jiaotong University. He is also the ...

Gu, Zhaolin Wei, Wei GU Zhaolin is a Professor in Environmental Science and Technology, and the Executive Dean in School of Human Settlements and Civil Engineering, Xi'an Jiaotong ...

Gu, Zhaolin, H26, 272, 3337, ...

[11] Zanshe Wang\*, Lisheng Yang, Juntao Hu, Zhaolin Gu, Analysis on cascade heat utilization of solar energy in building heating based on phase change thermal storage, ...

STIRPAT, STIRPAT, ...

Solar energy storage is an indispensable and sustainable utilization mode of renewable energy; environment friendly, large-capacity, low heat loss, and long-term storage are critical to ...

The aim of the article is to propose a novel lithium bromide absorption energy storage system driven by solar energy based on membrane distillation technology. In the system, heat energy ...



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