

For many years, he has been engaged in the frontier research in engineering thermophysics, energy science and technology and the training of graduate students and young teachers.

Energy storage is an essential method to match the thermal energy supply and demand in time or space. Latent heat thermal energy storage (LHTES) can achieve a higher ...

Engineering Thermophysics CHENG Zedong Associate Professor Research Area(s): Renewable Energy, Solar Energy, Solar Thermochemical Fuel Production, Energy ...

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Yaling He, PhD. Xi'an Jiaotong University, Xi'an, China. Thermal Power Engineering, Energy Storage. Yongfang Li, PhD. Institute of Chemistry Chinese Academy of Sciences, Beijing, ...

A transient, one-dimensional dispersion-concentric model to numerically study the cyclic behaviors of the molten-salt packed-bed thermal energy storage system filled with cascaded ...

A total of 137 editorial board members from 18 journals hosted by Xi'an Jiaotong University (XJTU) made the 2023 list of Highly Cited Chinese Researchers recently released ...

He Yaling Member. Author:admin; Update Time:2022-05-12 ... New energy utilization (solar energy, fuel cell); Waste heat utilization; New energy storage technology; New refrigeration ...

He Yaling, academician of the Chinese Academy of Sciences, said that the demonstration project has made a series of scientific research achievement in the basic theory ...

DU Shen, LI Dong, LI MengJie & HE YaLing* National Innovation Platform (Center) for Industry-Education Integration of Energy Storage Technology, Key Laboratory of Thermo ...

In this Chinese name, the family name is He. He Yaling (Chinese: ; pinyin: Hé Y?líng; born September 1963) is a Chinese physicist and professor at Xi'an Jiaotong ...

?Professor, School of Energy and Power Engineering, Xi'an Jiaotong University? - ??Cited by 45,267?? - ?Fluid flow& heat and mass tranfer? - ?Solar energy and Energy storage? -...

Major interests: * Energy-saving theories and new methods in efficient utilization of energy; * Development

and utilization of new energy (fuel cell, solar energy); * New technologies in ...

The shell and tube latent heat thermal energy storage systems are widely recognized as one of the most effective ways to store and utilize solar energy due to their high energy density,...

[He, Yaling]Key Laboratory of Thermo-Fluid Science and Engineering of Ministry of Education, School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an; 710049, ...

...,973,, ...

However, the present paper focuses only on the problems related to thermo-fluid science and engineering. Download: Download high-res image (366KB) Download: Download ...

The energy efficiency ratio of a shell-and-tube phase change thermal energy storage unit is more sensitive to the outer tube diameter. Under the same working conditions, ...

46 41 40 22 ...

DU Shen, HE Yaling*, LI Dong, LIU Zhanbin, LI Mengjie National Innovation Platform (Center) for Industry-Education Integration of Energy Storage Technology, Key ...

Yaling Wu received her BSc degree in Bioengineering from Fujian Normal University in 2014. She is a Ph.D. candidate in Biochemistry and Molecular Biology at FJNU since 2016 ...

Prof. Ya-Ling He is the principle investigator for many research projects, which include National Fundamental R& D Projects of China (973 Chief Scientist), National Key R& D Program of ...

Energy Storage and Saving2022-10-20 08:002022-10-23 18:00 Since the launch event of the new journal, Energy Storage and Saving (ENSS), was held on Apr. 8, ...

- Yaling He,Yinshi Li - ?Chinese Science Bulletin? - : 0 ... Superior thermal energy storage performance of NaCl-SWCNT composite ...

Yaling He Honorary Editorial Advisory Board Members, Energy Storage and Saving Xi'an Jiaotong University, China Xi'an Jiaotong University, China ... Engineering and Technology ...

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