,,,19659,,"",??19877,;19905, ...

Preparation and characterization of phase change materials for air energy storage ZHANG Runxia, GU Zhaolin, WANG Zanshe, KANG Yanqing, BAI Mengmeng . 2021, (7): 3892 -3899 . DOI: 10.16085/j.issn.1000-6613.2020-1660 ICP12046843 ...

Gu ZhaoLin, Luo Xilian, Meng Xiangzhao, Primitive Environment Control for Preservation of Pit Relics in Archeology Museums of China, ENVIRONMENTAL SCIENCE & TECHNOLOGY, 2013, 47(3): 1504-1509 5. Meng Xiangzhao, Yu Bingfeng, Experimental research on air flow performance at supply-air openings in frost-free refrigerator by DPIV, ...

?;?,----,?,??

WANG ZANSHE, HU JUNTAO, GU ZHAOLIN, et al. Application of Membrane Distillation Technology in Solution Storage. [J]. Journal of refrigeration, 2018, 39(3). DOI : 10.3969/j.issn.0253-4339.2018.03.007. 0 2473 0 CSCD ...

WANG Ning, HAN Chengyu, ZHANG Yang, GU Zhaolin. REGIONAL CARBON EMISSION PEAKING BASED ON THRESHOLD-STIRPAT EXTENSION MODEL: A CASE STUDY ON EAST CHINA[J]. ENVIRONMENTAL ENGINEERING, 2024, 42(5): 154-162. doi: 10.13205/j.hjgc.202405020

[14] Zanshe Wang*, Zhiwei Li, Guotai Lu, Qi Gao, Yanping Li, Zhaolin Gu, Finned coil-type energy storage unit using composite inorganic hydrated salt for efficient air source heat pumps,...

Analysis on Cascade Heat Utilization of Solar Energy in Building Heating Based on Phase Change Thermal Storage Procedia Engineering 2017 | Conference paper

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Zhaolin Gu Xi"an Jiaotong University mail.xjtu .cn environment ... Energy Conversion and management 43 (7), 961-971, 2002 126 2002 Spatial distribution characteristics of PM2. 5 and PM10 in Xi ...

[29] Wang ZanShe, Gu ZhaoLin, Feng ShiYu, Li Yun, Applications of Membrane Distillation Technology in Energy Transformation Process--Basis and Prospect, Chinese Science Bulletin, 54: 2766-2780 (DOI: 10.1007/s11434-009-0390-1), 2009

Speaker Bio Zhaolin GU, PhD, Professor/Doctoral supervisor. He was awarded the Trans-Century Talent of the Ministry of Education in 2003 and the Special Allowance Winner of State Council in 2016. Now he is the ...

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The heat storage time was reduced by 20.4%, 8.1%, and 6.2% compared with the other three EG ratios, respectively; meanwhile, the heat release time was reduced by 19.3%, 6.7%, and 5.3% ...

,-(CA-L... >> 2021, Vol. 40 >> Issue (7): 3892-3899. DOI: 10.16085/j.issn.1000-6613.2020-1660 o o

The Institute of Engineering Thermophysics (IET) originated from the Power Laboratory of the Chinese Academy of Sciences (CAS) founded by Academician WU Chung-hua in 1956. At present, it has developed into a research institute combining Dynamic & Electric Engineering and Energy Science & Technology in strategic advanced technology. Since its ...

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As an important building energy saving technology, latent energy storage technology can solve the mismatch between energy supply and demand in time,space and strength. The preparation and thermal conductivity enhancement of building energy storage phase change materials, the heat transfer characteristics and enhancement of a phase change unit, ...

Biography. Professor and Executive Dean, School of Human Settlements and Civil Engineering, Xi"an Jiaotong University. Regional editor of Indoor and Built Environment; Member of the Editorial Board of Aerosol and Air Quality Research; Member of the Editorial Board of Buildings; Member of the Editorial Board of Scientific Reports; Associate editor of Aerosol ...

The solar energy utilization in built environment has been limited due to its low heat flux, uneven distribution in time and space and temporal difference in day and night. The phase change materials have been used to collect the fluctuant solar energy to form a stable energy source for the terminal equipment of the buildings. In this study, the hybrid organic ...

Zhaolin Gu: Supervision, Project. ... Energy-saving rates (ER) range from 0.9% to 8.0% across LCZs, with Acer excelling in LCZ1, LCZ2, and LCZ4, and Populus in LCZ5. Pinus has the lowest ER in all scenarios. Shading contributes significantly to energy savings in LCZ5, while cooling effects are prominent in LCZ1 and LCZ4. ...

Materials 2022, 15, 6856 3 of 15 pool to achieve total energy savings for the system. Low- and ultra-low-grade thermal energy are especially suitable as the low-end energy source of heat pumps.

Zhaolin Gu; Low- and ultra-low-grade thermal energy have significant recycling value for energy saving and carbon footprint reduction. ... Solar energy storage is an indispensable and sustainable ...

The prediction and determination of shelf-life is an important step in the storage and use of ammunition. In this study, the aging reaction model and shelf-life prediction model of SF-3 double-base propellant were studied. ... aging reaction model of SF-3 was developed based on scanning electron microscopy and energy-dispersive X-ray ...

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The phase change materials have been used to collect the fluctuant solar energy to form a stable energy source for the terminal equipment of the buildings. In this study, the hybrid organic phase change materials was ...

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