

Hongfei Zheng's 119 research works with 2,229 citations and 8,244 reads, including: Analysis of a hybrid system combining solar-assisted methanol reforming and fuel cell power generation

To achieve the goal of clean and low-carbon power generation, a CO₂ capture unit is integrated with SOFC. In this work, the CO₂ capture unit were set at different places in the conventional ...

Simply simulation of electricity generation on the computer is totally different from the actual electricity generation, even if the research cannot be applied by enterprises. The theme of this ...

????????????????(Concentrating Solar Power, CSP),????????? ?????????????????,????????????????,????????
...

Jinwen Wang currently works at the School of Civil and Hydraulic Engineering, Huazhong University of Science and Technology. Dr. Wang is particularly interested in developing and ...

In order to solve the basic problem of the supercritical carbon dioxide (S-CO₂) Brayton cycle integrated with solar power tower (SPT) station which used solid particle solar ...

DOI: 10.1016/j.nanoen.2022.107356 Corpus ID: 248620245; A hydrovoltaic power generation system based on solar thermal conversion @article{Li2022AHP, title={A hydrovoltaic power ...

DAHAN solar plant and the testing platform of China solar thermal power technology would be has been constructed on the lands of the Yanqing District, Beijing, (Longitude 115°44' to ...

The prominent advantages and development potential of concentrating solar power (CSP)--also known as solar thermal power (STP) or concentrated solar power--generation technology ...

School of Energy and Power Engineering, Huazhong University of Science and Technology, Wuhan, China. State Key Laboratory of Coal Combustion, Huazhong University of Science ...

In order to mitigate climate change and promote energy revolution, it is imperative to develop new energy technology of supercritical carbon dioxide (sCO₂) solar thermal power generation. By ...



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