

Jia Yu's 11 research works with 168 citations and 389 reads, including: Analytical Model for Quantifying Building Thermal Mass in Harmonically Time-Varying Outdoor Air Temperature

In this case, the cylindrical surface could harvest and apply the extra light energy from the diffuse reflection of EPE support, therefore the thickness of La 0.7 Sr 0.3 CoO 3 slice ...

In December last year, Chinese solar panel billionaire Li Zhenguo addressed the UN climate change conference in Dubai, promising a "benevolent and equitable" energy system to support the world...

By considering facile molecular diffusion and optically generated electrical polarization, this article reports, for the first time, that directly introducing optically polarizable non-fullerene electron ...

Rooftops of buildings are feasible options to utilize solar energy in urban area. This paper presents an object-based method to locate the appropriate sites for setting solar ...

One is what he calls "solar for solar" power facilities located offshore that can be used to help desalinate seawater in desert areas. Water can then be brought onshore from offshore to ...

Solar vapor generation is a promising method to efficiently produce fresh water. However, the insufficient vapor yields under natural daylight restrict its practical applications, ...

Jia Hu is a postdoctoral researcher at the Center for Survey Statistics and Methodology, Iowa State University. Her research focus has been in quantifying spatiotemporal patterns of environmental ...

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