

# Lu Guodong talks about solar power generation



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### **A Convolutional Neural Network-Long Short-Term Memory-Attention**

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TL;DR: This study proposes a CNN-LSTM-Attention model to predict solar photovoltaic power based on China's 24 solar terms, enhancing prediction accuracy by 24.5% compared to other models, and ...

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### **Guodong Lu's research works , Zhejiang University, Hangzhou (ZJU)**

...

Coordinated manipulators can construct a series system, such that all the position error of the end-effector is required to remain within the permissible limit. This article proposed a new method



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### **Agrovoltaics and expansion of solar energy**

The term agrovoltaics refers to the joint development of the same land for both agriculture and solar photovoltaic. Dr. Richard Lu has spent much of career in energy and now is CEO of ...



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## Ecological and environmental effects of global photovoltaic power

The construction of photovoltaic power plants (PVPPs) globally not only mitigates climate change but also exerts various impacts on terrestrial ecosystems.

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## POSTER: Large-scale photovoltaic solar farms in the Sahara affect ...

Here we use state-of-the-art Earth system model simulations to investigate the impact of large photovoltaic solar farms in the Sahara Desert on the global cloud cover and solar generation ...

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## Guodong LU , Fujian Agriculture and Forestry University, Fuzhou

Isw2 proteins, ubiquitous across eukaryotes, exhibit a propensity for DNA binding and exert dynamic influences on local chromosome condensation in an ATP-dependent fashion, thereby modulating the

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## Gigantic solar farms of the future might impact how much solar power

In our recent study, we used a computer



program to model the Earth system and simulate how hypothetical enormous solar farms covering 20% of the Sahara would affect solar power ...

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## Assessment of the ecological and environmental effects of large-scale

Photovoltaic development has played a crucial role in mitigating the energy crisis and addressing global climate change. However, it has also had significant impacts on the ecological ...



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## Ecological and environmental effects of global photovoltaic power

In this study, we conducted a meta-analysis to investigate the soil, climate, and biological effects of PVPPs construction, as well as changes in ecosystem CO<sub>2</sub> fluxes. Our analysis ...

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## Guo-dong LU , Fujian Agriculture and Forestry University, Fuzhou

We constructed a growth system/microcosm to allow an F.

graminearum isolate to grow through natural soil and then re-isolated it on a gentamicin-containing medium, allowing endohyphal grow [ ]

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