

Prof. Liu's current research interests span the areas of emerging semiconductor devices, micro-/nanofabrication, analog/mixed-single ICs and renewable energy technologies. Particular interests ...

Traditional rigid photovoltaic (PV) support structures exhibit several limitations during operational deployment. Therefore, flexible PV mounting systems have been developed. These flexible PV ...

Honggang LIU, research professor | Cited by 830 | of Peking University, Beijing (PKU) | Read 129 publications | Contact Honggang LIU

To investigate the mechanical performance and failure characteristics of photovoltaic support bracket and connections with the cold-formed thin-walled high strength steel, 55 specimens ...

A flexible photovoltaic bracket includes a number of upright columns, a number of cross beams, a load-bearing rope and a module fastener. The cross beam is correspondingly arranged on a top of the ...

An effective method is proposed in this paper for calculating the transient magnetic field and induced voltage in the photovoltaic bracket system under lightning stroke. Considering the need for the ...

Save construction materials, reduce construction cost, provide a basis for the reasonable design of PV power plant bracket, and also provide a reference for the structural design of fixed ...

The installation selection of photovoltaic ground brackets is mainly based on factors such as the fixing method of the bracket, terrain requirements, material selection, and the weather ... Hongxing Liu; ...

Liu et al. studied common exhibition hall solar panel structures. And the finite element method was used to analyze the wind load response of the solar panel, and the displacement and ...

What is a fixed adjustable photovoltaic support structure? In order to respond to the national goal of 'carbon neutralization' and make more rational and effective use of photovoltaic resources, ...



Liu Honggang s photovoltaic bracket

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