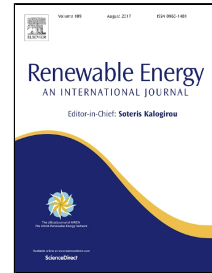


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Greenhouse performance results for roof installed photovoltaics

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HIGHLIGHTS

1. Experimental results of lettuce crop inside two greenhouses, to test partial shading.
2. PV electrical output, lighting, temperature and plant growth have been measured.
3. The results are positive in electricity and plant growing under partial shading.
4. Greenhouses with fixed installation of PV panels and sun tracking modes are studied.
5. The PV covered greenhouse produces electricity, contributing to its energy demand.

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