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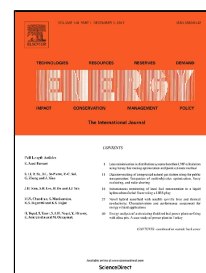
Performance analysis and multi-objective optimization of a hybrid photovoltaic /thermal collector for domestic hot water application

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1. 3-D dynamic thermal-electrical models are developed and validated for PV/T.
2. 2-D temperature distributions of PV/T collector are illustrated and compared.
3. The dynamic response characteristics of different collectors are analyzed.
4. The comprehensive performances are studied under various operating conditions.
5. A multi-objective optimization is carried out for the design of PV/T DHW system.

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