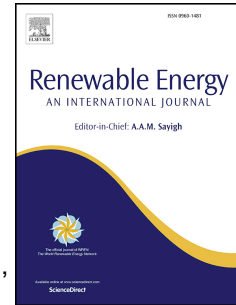


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Carbon nanotube nanofluid in enhancing the efficiency of evacuated tube solar collector

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Abstract

The use of solar thermal collectors is one of the promising options for heating and/or cooling due to the green nature (pollution free) and abundance of the solar energy in many parts of the world.

Improvement of thermal performance of solar collectors is important for better energy conversion.

In this regard, many studies reported in literature tried to modify geometry of the collectors. On the

other hand, nanofluids as heat transfer fluids could be a promising option for the efficiency

enhancement of solar collectors. In this study, heating performance of an evacuated tube solar

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