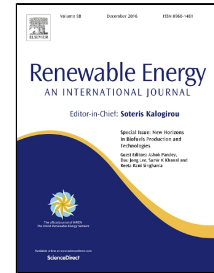


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Numerical and experimental heat transfer analyses of a novel concentric tube absorber subjected to non-uniform solar flux

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Highlights

- A numerical thermal analysis of a concentric tube absorber was performed.
- Non-uniform solar flux was applied by dividing the absorber into different parts.
- CSC with dual axis tracker got concentrated flux on whole absorber circumference.
- The numerical model of the absorber was validated with experimental results.

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