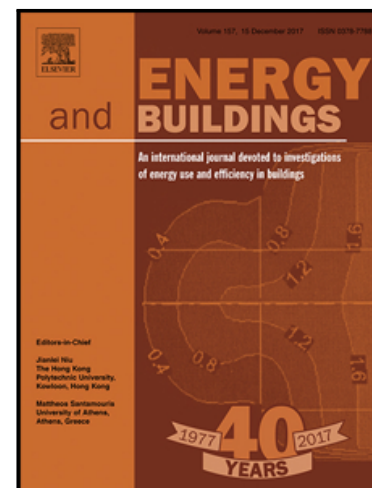


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Field measurement and numerical simulation of combined solar heating operation modes for domestic buildings based on the Qinghai-Tibetan plateau case

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Highlights

- A novel hybrid solar heating system was proposed for a social housing in Qinghai-Tibetan plateau.
- The heating effect under five operation modes was measured and evaluated.
- The heating effect was explored by CFD simulation coupled with IES (VE) in-depth.
- The optimal operation mode to improve the indoor temperature was determined.

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