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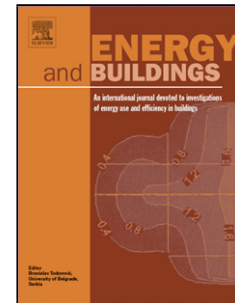
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Field test and analysis of microclimate in naturally ventilated single-sloped greenhouses

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Highlights:

- Field tests of microclimates were conducted in single-sloped greenhouses.
- Effective dehumidification methods and optimal ventilation time have been proposed.
- Solar radiation distribution and influencing factors of transmittance were analyzed.
- The relationship was established between the incident radiation and indoor temperature.

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