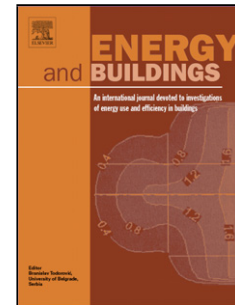


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Highlights

- Embodied energy and CO₂ emissions of low rise residential building's structure
- Assessment of the eco-efficiency of highly insulated load bearing walls and roofs
- Building structures based on frames are less eco-efficient than structural insulated panels
- Thermal insulation integrated into the building's structure
- Lightweight multilayer structural insulated panels for areas with seismic activity

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