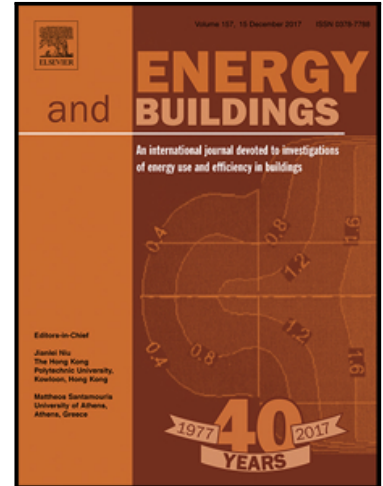


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A Reflective Adaptive Solar Façade for Multi-Building Energy and Comfort Management

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Highlights

- Analysis of energy savings of adaptive solar façade with multiple functionality scenarios
- Assessment via coupled ray tracing and R-C building energy model framework
- Potential for energy savings through offset of building energy consumption via solar power production or redistribution of incident solar radiation
- Energy demand and comfort optimization on a multi-building level

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