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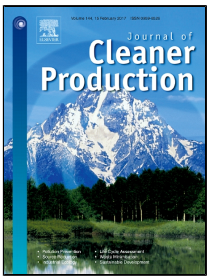

Early-warning application for real-time detection of energy consumption anomalies in buildings

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Highlights

- Building occupants should be notified of their energy consumption to encourage energy saving.
- This study designs a dashboard for presenting in real-time anomalous energy consumption.
- The architecture of an early-warning system is proposed and implemented.
- The developed smartphone application can be used by occupants with a limited technical background.
- This research contributes to the visually representation of the anomalous consumption of energy in an office space.

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