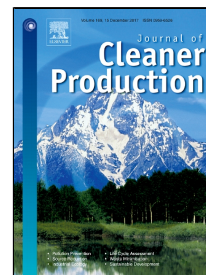


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Framework for analyzing the effects of packaging on food loss reduction by considering consumer behavior

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Highlights

- Break-even rate of food loss was proposed as an evaluation indicator of packaging.
- The indicator quantifies the positive and the negative effects of packaging.
- The framework incorporates diverse consumer behaviors as scenarios.
- The framework supports environmentally conscious design of food packaging.
- Consequence of high-functionalization in food loss could be identified.

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