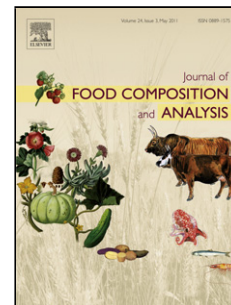


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Original Research Article

Exposure to cadmium through Italian rice (*Oryza sativa* L.): consumption and implications for human health

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Highlights:

- Cd determination was performed in Italian rice varieties (*Oryza sativa* L.).
- Health risk concerning to rice consumption was evaluated for Italian population.
- Health risk related to rice-based food consumption were assessed for infants.
- **Exposure scenario does not represent a health risk for the Italian population.**

ABSTRACT

Cd bioaccumulation was investigated in the most consumed rice varieties (*Oryza sativa* L.) in Italy to assess the health risk related to consumption of the cereal for Italian population. In addition, the health implications concerning to consumption of rice-based foods was evaluated for Italian infants.

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