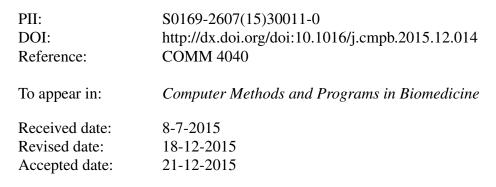
## Accepted Manuscript

Title: Representation learning for mammography mass lesion classification with convolutional neural networks

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## ACCEPTED MANUSCRIPT

## Highlights

- Innovative representation learning framework for breast cancer lesion classification.
- A hybrid CNN method to learn image-based features in a supervised way.
- New breast cancer benchmarking dataset to support computer-aided diagnosis methods.

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