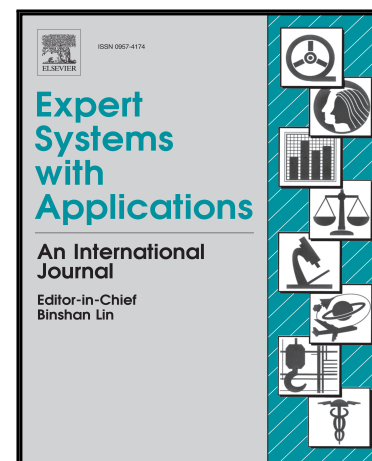


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Deep 1D-Convnet for accurate Parkinson disease detection and severity prediction from gait

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Highlights

- A novel method for automatic detection of Parkinson disease and severity prediction.
- 1D-Convnet architecture specifically designed to process signals from foot sensors.
- Parkinsonian gate is detected without manual feature extraction.
- We achieved improved accuracy compared to recent state-of-the art algorithms.

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