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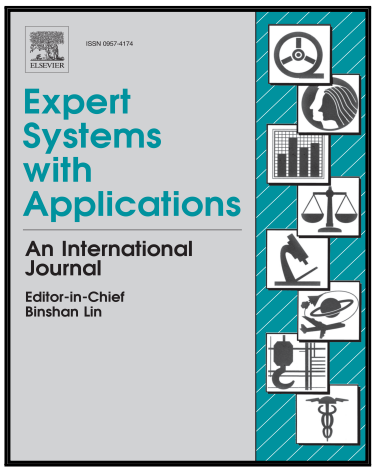

An Unsupervised Multilingual Approach for Online Social Media Topic Identification

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Highlights

- An unsupervised multilingual approach to identify topics on Twitter is proposed.
- Localised language can be leveraged for identifying relevant and important topics.
- 'Joint' term ranking coupled with DPMM clustering consistently performed well.
- Multilingual sentiment analysis is essential to understand sentiment on the ground.
- Topics coverage of social media and main stream media does not always stay the same.

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