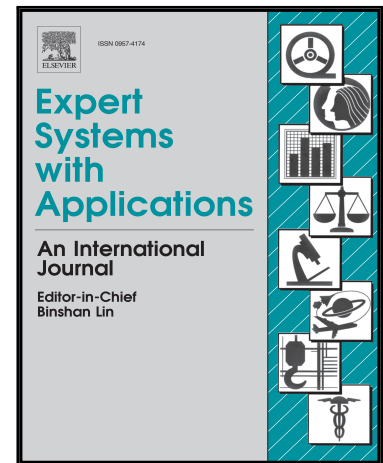


## Journal Pre-proof

Lexicon-Grammar based Open Information Extraction from Natural Language Sentences in Italian

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PII: S0957-4174(19)30672-4  
DOI: <https://doi.org/10.1016/j.eswa.2019.112954>  
Reference: ESWA 112954



To appear in: *Expert Systems With Applications*

Received date: 6 March 2019  
Revised date: 13 September 2019  
Accepted date: 13 September 2019

Please cite this article as: Raffaele Guarasci , Emanuele Damiano , Aniello Minutolo , Massimo Esposito , Giuseppe De Pietro , Lexicon-Grammar based Open Information Extraction from Natural Language Sentences in Italian, *Expert Systems With Applications* (2019), doi: <https://doi.org/10.1016/j.eswa.2019.112954>

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### Highlights

- An OIE approach for Italian language, based on verb behavior patterns
- Verb behavior patterns built combining Lexicon-Grammar and distributional profiles
- Extraction of n-ary propositions from elementary sentences exploiting verb patterns
- Preservation of grammaticality and a first level of acceptability in extractions
- Validation of effectiveness on a gold standard dataset built for OIE in Italian

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