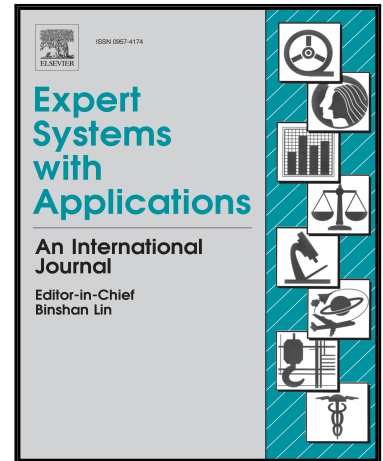


## Accepted Manuscript

A hierarchical approach for influential node ranking in complex social networks

Ahmad Zareie , Amir Sheikahmadi

PII: S0957-4174(17)30692-9  
DOI: [10.1016/j.eswa.2017.10.018](https://doi.org/10.1016/j.eswa.2017.10.018)  
Reference: ESWA 11601



To appear in: *Expert Systems With Applications*

Received date: 15 June 2017  
Revised date: 23 August 2017  
Accepted date: 6 October 2017

Please cite this article as: Ahmad Zareie , Amir Sheikahmadi , A hierarchical approach for influential node ranking in complex social networks, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.10.018](https://doi.org/10.1016/j.eswa.2017.10.018)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- Identification of influential nodes in complex networks is a significant problem.
- We propose a centrality measure to identify nodes' location in complex networks.
- Proposed measure is applied to rank the influential nodes.
- Experiments show better results as compared to the state-of-the-art methods.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6855370>

Download Persian Version:

<https://daneshyari.com/article/6855370>

[Daneshyari.com](https://daneshyari.com)