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Authors: Pranab K. Muhuri, Amit K. Shukla, Manvendra Janmajaya, Aparna Basu



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Applied Soft Computing: A Bibliometric Analysis of the Publications and Citations during (2004-2016)

Pranab K. Muhuri Amit K. Shukla Manvendra Janmajaya Aparna Basu
Department of Computer Science
South Asian University, Akbar Bhavan, Chanakyapuri, New Delhi-110021, Indian

Highlights

- Bibliometric analysis of ASOC publications (2004-2016) with Web of Science (WoS) data.
- Main influencing aspects that govern the ASOC publications are highlighted.
- The distribution of citations over the years, citing sources and an aerial view of the citation structure is also given.
- ASOC authorship is analyzed, the author co-citation network is also given.
- Country-wise temporal and quantitative analysis of the ASOC publications are given.

ABSTRACT

The Journal of Applied Soft Computing (ASOC) is a highly reputed journal in the field of engineering and computer science. This study reviews the ASOC publications during the period 2004-2016 which are indexed in the Web of Science (WoS). The motive behind this study is to reveal the main influencing aspects that govern the ASOC publications and its citation structure using scientometric methods. The citation structure of the journal is analyzed first, which includes the distribution of citations over the years, citing sources and an aerial view of the citation structure. Then, the ASOC authorship is analyzed and the author co-citation network displayed. Further, a country-wise temporal and quantitative analysis of the publications is given along with the highly cited documents among the ASOC publications. Document co-citation analysis is also performed to reveal the intellectual base of ASOC publications.

Keywords: Applied Soft Computing; Bibliometric study; Scientometric mapping; Co-citation analysis; Web of Science.

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