

Co-authorship Network in Scientific Knowledge and Information Science Persian Journals

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Abstract

Purpose: the aim of this research is to design co-authorship network among Knowledge and Information science Persian Journals and to know the most important authors in the time period from 2008 to 2013. Moreover, in this article, co-authorship patterns and network integrity is measured.

Methodology: We used scientometric tools and methods and some of the most important social network indexes such as Collaborative Index, degree of Collaboration, Collaboration Coefficient, Degree Centrality, Between Centrality, and Eigenvector Centrality for the fulfilment of this research. Nodexl software was used to analyse data.

Findings: The results show that the most important Collaboration Index is related to Processing and Information management journal and the highest Degree of Collaboration belonged to journal of Information Science and Public Libraries and Processing and Information management journal. Moreover, the most important authors with the highest degree are included Gholamreza Fadaei, Mohammad Hasanzade and Fariborz Doroudi.

Originality/value: Until now, most of the researchers investigated Iranian articles on Web of Science not local Scientific Databases of Journals. Moreover, it introduce the most significant and outstanding authors with wide range of inclusion in knowledge and information science.

Keywords: Co-authorship, Authorship, Persian research journals, knowledge and information science.