عنوان مقاله:

Social Network Analysis of the Co-authorship Network in the Scientific Articles of Information Systems

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خلاصه مقاله:

This research uses of Scientometric indicators and social network analysis to evaluate the performance of countries in the field of information systems in Web of Science during ۲۰۰۴ to ۲۰۱۳. The results show that co-authorship network has ۱۶۶ vertices (countries) and ۲۱۵۱۸ links (co-authorships). In general, co-authorship network of information systems had a high density than some fields and Solidarity of the network is partially good. There are no isolated component in the network and more possible links in this network have emerged. According to micro-level metrics, countries like America and Britain are recognized as the most influential countries in co-authorship network and can control the flow of information between network. Using the findings, policy-makers and planners of university in Iran can provide facilities for the formation and strengthening of collaborative connections with the important and influential countries.

کلمات کلیدی:

information systems, Social network analysis, Scientometric, Co-Authorship Network

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