

International Journal of Information Management (IJIM): Bibliometric Overview and Retrospective Analysis from 1986 to 2019

Highlights

- This study analyzes, summarizes and visualizes the evolution of intellectual structure in International Journal of Information Management (IJIM) by presenting a bibliometric overview and retrospective analysis from 1986 to 2019
- The study examines the citation structure, highly cited articles, most influential contributors and their affiliated institutions and countries, leading journals citing IJIM, co-citation and keywords co-occurrence patterns, and bibliographic coupling
- The latent topics and variations in the topic prevalences over the period 1986 to 2019 are analyzed using a novel probabilistic generative model based on structural topic models
- Key insights about the perspective emerging topics and trends are presented

Abstract

This study aims to provide a comprehensive bibliometric overview of the International Journal of Information Management (IJIM) from 1986 to 2019. Drawing the methodology from statistical text analysis research, this study summarizes the evolution of knowledge in the journal by examining the publication trends as per authors, institutions, and countries etc. The methodology of this study includes citation structures analysis, assessment of keywords and themes, and exploration of co-citation and co-authorship patterns. Further, this study proposes a probabilistic generative model based on structural topic models to understand and extract the latent themes from the research articles. Furthermore, this study graphically visualizes the variations in the topic prevalences over the period 1986 to 2019. Finally, perspective emerging themes and the evolution of scientific research in IJIM over the years are reported. The study concludes that themes like 'Web Services for Health', 'Social Online Users' and 'Public Digital Management' are attracting a growing number of researchers while research related to 'Information Systems Development' and 'Information System Management' is gradually converging and saturating.

Keywords: International Journal of Information Management, IJIM, Bibliometrics, Keyword co-occurrences, Co-citation analysis, structural topic models, topic modelling