

A Bibliometric Analysis of the First Twenty-Five Years of the International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems

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INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS

Volumen: 26

Número: 2

Páginas: 169-193

DOI: 10.1142/S0218488518500095

Fecha de publicación: APR 2018

Tipo de documento: Article

[Ver impacto de la revista](#)

Abstract

Since the International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems published its first issue in 1993, it has made important contributions to the research field of computer science. In this study, based on the dataset of the publications published in this journal between 1993 and 2016 retrieved from Web of Science, a general overview of this journal is performed using bibliometric methods and visualized networks. First, the productive and influential publications, authors, institutions, countries/territories, and supraregions are analysed based on the total number of citations, publications, and different citation thresholds. Second, network visualization analysis is applied to illustrate the links and connections between terms by using the VOSviewer software. Moreover, the most cited journals and common author keywords of three continents, including North America, Europe, and Asia, are also presented. This paper will hopefully help researchers understand the research patterns of this journal.

Palabras clave

Palabras clave de autor: [Bibliometrics](#); [VOSviewer](#); [citation analysis](#); [network visualization](#); [Web of Science](#)

KeyWords Plus: [ATTRIBUTE DECISION-MAKING](#); [FUZZY-SETS](#); [INFORMATION](#); [OPERATORS](#); [MODEL](#)

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Financiación

Entidad financiadora	Número de concesión
Chilean Government through the Fondecyt Regular program	1160286
European Commission through the FEDER funds	TIN2016-75850-R

[Ver texto de financiación](#)

Editorial

WORLD SCIENTIFIC PUBL CO PTE LTD, 5 TOH TUCK LINK, SINGAPORE 596224, SINGAPORE

Información de la revista

- Impact Factor: [Journal Citation Reports](#)

Categorías / Clasificación

Áreas de investigación: Computer Science

Categorías de Web of Science: Computer Science, Artificial Intelligence

Información del documento

Idioma: English

Número de acceso: **WOS:000430137900001**

ISSN: 0218-4885

eISSN: 1793-6411